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95th Congress }
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COMMITTEE PRINT

INTERLOCKING DIRECTORATES AMONG THE MAJOR U.S. CORPORATIONS

A STAFF STUDY

PREPARED BY THE

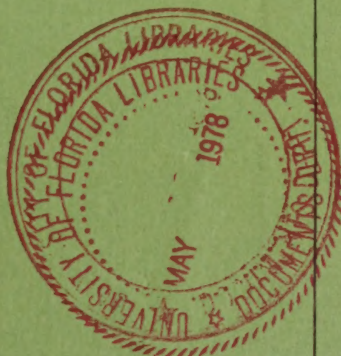
SUBCOMMITTEE ON
REPORTS, ACCOUNTING AND MANAGEMENT

OF THE

COMMITTEE ON GOVERNMENTAL AFFAIRS
UNITED STATES SENATE



JANUARY 1978



Printed for the use of the Committee on Governmental Affairs

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U.S. SENATE,
COMMITTEE ON GOVERNMENTAL AFFAIRS,
Washington, D.C.

Memorandum of: Senator Ribicoff.

To: Members of the Committee on Governmental Affairs.

This study is the last in a series of staff inquiries into the disclosure and management of corporate information authorized by the late Senator Lee Metcalf, as chairman of the Subcommittee on Reports, Accounting and Management.


It was prepared by E. Winslow Turner, the subcommittee's chief counsel, with special assistance from the Senate Computer Center.

Other committee prints prepared by the subcommittee staff are the following: "Voting Rights in Major Corporations" (January 1978); "Corporate Ownership and Control" (Sen. Doc. 94-246, November 1975); "Institutional Investors' Common Stock" (Sen. Doc. 94-247, May 1975); and "Disclosure of Corporate Ownership" (Sen. Doc. 93-62, March 1974). Hearings on Corporate Disclosure were held jointly in 1974 by the Subcommittee on Budgeting, Management and Expenditures and the Subcommittee on Intergovernmental Relations (Parts 1, 2, and 3, published in 1974).

Senator Metcalf had a longstanding concern about the manner in which the country's largest corporations were potentially concentrated through stock ownership, debt relationships and interlocking directorates. The studies and hearings which he directed have been of major assistance to this committee in carrying out its oversight functions in the Federal areas of corporate reporting, regulation and enforcement.

His wisdom and investigative spirit will be missed by all of us.

ABE RIBICOFF, *Chairman.*



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PART I. BACKGROUND AND DEVELOPMENT OF THE REPORT

A. INTRODUCTION

Interlocking directorates among the major U.S. corporations have not been studied in any substantial way since the Celler subcommittee study in 1965 and the Patman subcommittee staff report in 1968. Indeed, there has been no interlock analysis, either by Congress or the Federal agencies, as comprehensive as that produced by the Federal Trade Commission in 1950. Nor has Congress itself focused on the overall effect of corporate interlocks on economic and social policies since the Pujo committee investigation of the "Money Trust" in 1913, and the subsequent enactment of the Clayton Act in 1914.¹

Enormous changes have occurred in the structure and growth of American corporations over the past 60 years. "Single-unit" businesses have been absorbed into huge integrated enterprises which control the production and distribution of essential products from raw material to final sale. The merger movement has created large conglomerates which hold commanding positions across a variety of markets and industries. Added to this is the emergence of the multinational corporation whose policies and operations impact on foreign governments and affect the international economy.

Investigations such as those referred to above, and others of a more limited nature, have identified the interlocking directorate as a corporate device with the potential for harm in our competitive economic society. Commenting on the results of the Pujo Committee work, Louis Brandeis wrote:

The practice of interlocking directorates is the root of many evils. It offends laws human and divine. Applied to rival corporations, it tends to the suppression of competition and to violation of the Sherman law. Applied to corporations which deal with each other, it tends to disloyalty and to violation of the fundamental law that no man can serve two masters. In either event it tends to inefficiency; for it removes incentive and destroys soundness of judgment. It is undemocratic, for it rejects the platform: "A fair field and no favors,"—substituting the pull of privilege for the push of manhood.²

¹ The reports referred to are as follows:

Pujo committee: House Committee on Banking and Currency, "Investigation of Concentration of Control of Money and Credit," H. Rept. No. 1593, 62d Cong., 3d sess., Feb. 28, 1913.

Federal Trade Commission: Report of the Federal Trade Commission on "Interlocking Directorates," H. Doc. No. 652, 81st Cong., 2d sess., June 30, 1950.

Celler subcommittee: House Committee on the Judiciary, Antitrust Subcommittee, "Interlocks in Corporate Management," H. Comm. Print, 89th Cong., 1st sess., March 12, 1965.

Patman subcommittee: House Committee on Banking and Currency, Subcommittee on Domestic Finance, "Commercial Banks and Their Trust Activities: Emerging Influence on the American Economy," a staff report, Subcomm. Print., 90th Cong., 2d sess., July 8, 1968, Vols. I and II.

² Louis D. Brandeis, "Breaking the Money Trusts," *Harpers Weekly*, December 6, 1913 (The Endless Chain), p. 13.

The Federal Trade Commission report found that corporations which are linked together directly, or indirectly, enjoy special channels of communication which can lead to the destruction of competition, preferential treatment in the purchase and supply of goods and financial services, and the concentration of undue economic power in a few hands.^{2a}

The Celler Subcommittee report also noted that corporate management interlocks present problems of conflicts of interest. A director serving on the boards of different corporations has, by definition, divided loyalties. His opportunity for "inside dealing" can lead to a subordination of the interests of stockholders for his private gain. In many cases the very nature of the interlock divides his loyalties to the stockholders of each of the respective corporations. A director of two companies having business dealings with each other, or whose interests otherwise may conflict with each other, is placed in the anomalous position of being a fiduciary with respect to each.

In addition, there is the problem of deterioration in the quality of service from directors who sit on the boards of too many corporations, particularly the larger ones. They may not have the time or the inclination to do their homework, ask discerning questions, or recommend innovative policies on other company boards, particularly when they are too busy as inside directors of their own large companies.

It is in the light of this background that Chairman Metcalf asked the subcommittee staff to develop an updated picture of direct and indirect interlocking directorates among the Nation's largest corporations, and to report on the ability of Federal agencies to collect and disseminate such information for evaluation by Congress and the public.

This study and its analyses concern only direct and indirect interlocks among companies through their directors. It does not cover interlocks involving officers who are not directors, nor does it reach down to directors of subsidiaries or affiliates of the companies. These areas are important and should be the subject of further examination.

One hundred and thirty companies were chosen for the study. These were among the largest included in Fortune magazine's rating by assets for the year 1976 in the following categories: industrials; commercial banks; life insurance companies; diversified-financial companies; utilities; transportation companies; retailing organizations; and investment advisors.^{2b} They include 115 of the 122 corporations examined by the subcommittee staff in preparation of the January 1978 committee print, "Voting Rights in Major Corporations."³

The intended plan was to obtain from official Government sources the name of each director and his or her other directorate affiliations in 1976. However, no Government agency could provide this complete information, and thus it was necessary for the staff to conduct its own independent search among private publications and corporate sources to assemble the most accurate information publicly available.

^{2a} For purposes of this study, a direct interlock occurs when a director of one company is also a director of another company. Thus, the two companies have a common director and through that director there is the opportunity for communication and understanding between the companies.

An indirect interlock occurs when the two companies, each has a director on the board of a third—or intermediate—company, or conversely where the third company has a director on the boards of each of the two companies. In such situations, there is also the opportunity for direct communication and shared knowledge between the first and second company, even though they are indirectly, rather than directly, interlocked.

^{2b} The largest investment advisors were identified in a subcommittee study, "Institutional Investors' Common Stock", Committee on Government Operations, Sen. Doc. 94-247, 94th Cong., 2d sess., May, 1976, pp. 451-462.

³ Senate Committee on Governmental Affairs, Subcommittee on Reports, Accounting and Management, Comm. Print., 95th Cong., 1st sess., January 1978.

This interlocking directorate data was fed into a Senate computer, which was programed to provide the following analyses:

Direct and indirect interlocks among the 13 largest U.S. corporations;

Indirect interlocks among major companies⁴ in selected industries: automotive; energy; telecommunications; retailing; and financial services;

Direct and indirect ties among the largest airline companies and major financial organizations;

Direct and indirect ties among the largest electric utilities and major financial organizations;

Companies which were directly represented on the boards of New York financial institutions;

Companies which were directly represented on the boards of certain large nonfinancial companies; and

Directors of major corporations holding seats on three or more corporate boards.

Appendix A (p. 284) contains a master computer print-out alphabetically by company of each director, each other company (major or otherwise) on which he or she sits as a director, and a listing of those major companies which are represented on the board of such other company. This provides the reader with a detailed picture of the direct and indirect business interconnections of each of the major companies.

Appendix B (p. 885) shows the number of direct and indirect interlocks among each of the 130 companies in the study.

Appendix C (p. 967) is a list of the officers and directors of three of the Nation's leading business organizations, together with the names of those corporate boards on which they sit as directors.

With respect to the performance of the Federal Government in collecting and managing interlocking directorate information, Chairman Metcalf wrote to 33 major departments and agencies asking them the extent to which they collected and disseminated such information, and how the data were used in carrying out their responsibilities. Their answers indicated an extraordinary reluctance to obtain and consider interlock information in connection with their duties, even when laws and regulations required such concern. An analysis of the department and agency answers may be found under subpart C of Part I, beginning on page 9, and in Appendix D (at page 980).

The summary, conclusions and recommendations of this staff study may be found in Part III, beginning on page 279.

B. INTERLOCKING DIRECTORATES: POTENTIALS FOR ABUSE

A basic ethic of American business is, and has always been, independence: independence to produce and sell and compete for a profit; independence to buy a better product or service at a better price; independence to borrow or to invest; and independence to do business which meets popular needs and demands.

However, large corporations have become increasingly tied together through devices such as joint ventures, mergers, stock ownership, debt relationships, contractual arrangements and inter-

⁴ The term "major" company, as used in this study, refers to one of the 130 corporations studied. They are listed alphabetically on p. 25. A "minor" company, as used in this study, is any other corporation.

locking directorates. Such methods of corporate alliance have led to a pattern of concentration in essential industries which should be of special concern to the Congress and to those Federal agencies with responsibilities for antitrust enforcement and corporate regulation.

This study is limited to an examination of the device of interlocking directorates (both direct and indirect) among the major corporations.

For example, the chairman of A.T. & T. sits on the board of Citicorp. That is a direct interlock between a customer of financial services (A.T. & T.) and a financial institution (Citicorp). It is also a direct interlock between a supplier of telecommunications equipment and services and a major purchaser of those services.

A director of I.B.M. also sits on the board of Citicorp. That presents an indirect interlock between two competitors in telecommunication equipment and services (A.T. & T. and I.B.M.) through the intermediate company, Citicorp.

Any understanding of the potentials for abuse and conflict of the interlock device must start with the board table of a large corporation, and the directors seated together around that table. First, there are the inside directors. These are the principal officers of the company—the chairman of the board, the vice chairman, the president and the executive vice president, among others. They may also be directors of other corporations, but their basic responsibility is the management of the company.

Second, there are the outside directors. Their principal responsibilities lie outside the company. They usually serve as officers and directors of other well-known companies, or with law firms, financial institutions, universities or, very occasionally, public interest organizations.

However, every director sitting around that board table has a direct fiduciary responsibility to the owners (shareholders) for the proper management of the company. There is also a general responsibility to the public in accordance with appropriate Federal, State and local laws and regulations.

A National Industrial Conference Board report listed seven areas of director responsibility that appear to have had general acceptance:

- (1) To establish the basic objectives and broad policies of the corporation.
- (2) To elect the corporate officers, advise them, approve their actions, and audit their performance.
- (3) To safeguard and approve changes in the corporate assets (issuance of securities, pledge of asset for loans, declaration of dividends, and conveyance of property).
- (4) To approve important financial decisions and actions (such as budgets, capital appropriations, officers' compensation, and financial audits), and to see that proper annual and interim reports are given to stockholders.
- (5) To delegate special powers to others to sign contracts, open bank accounts, sign checks, issue stock, make loans, and perform such other activities as may require board approval.
- (6) To maintain, revise, and enforce the corporate charter and bylaws.

(7) To assure maintenance of a sound board through regular elections and filling of interim vacancies.⁵

Recent litigation and regulatory actions have begun to clarify and strengthen the requirements for director liability.

At the same time they sit together on one board, many directors are also officers or directors of other companies. And this dual fiduciary responsibility leads almost inevitably to conflicts of interest and a reduction of corporate independence. Directors from outside corporations can bring to the board table special information, prestige and a wealth of knowledge and experience which can enhance the quality of corporate management. But these benefits can be turned around when the interlocking directorate is abused.

As explained by the Federal Trade Commission in its Report on Interlocking Directorates in 1950:

... An individual who is a member of more than one board of directors cannot divide his personality into unrelated segments. When sitting on one board he necessarily continues to know what he has found out on other boards, what he has recommended to those boards, and what action those boards have taken. He would be derelict to this responsibility if in two different boards of directors he supported policies each of which would tend to defeat the course of action he had recommended or seen adopted in the other company. . . . A director of two competing corporations cannot in good conscience recommend that either shall undertake a type of competition which is likely to injure the other. A director of two corporations that are respectively buyer and seller of the same commodities or services cannot in good conscience recommend that either concern prefer unrelated sources of supply or customers instead of the other company in which he is interested, nor that either concern press to the limits its ability to strike a good bargain at the expense of the other. A director who is on the board of an industrial company and a financial institution cannot in good conscience encourage the latter to finance expansion by competitors of the former which may jeopardize the former's prosperity; nor can he in good conscience encourage the industrial company to obtain its credit through other channels. Thus, the inherent tendency of interlocking directorates between companies that have dealings with each other as buyers and sellers, or that have relations to each other as competitors, is to blunt the edge of rivalry between corporations, to seek out ways of compromising opposing interests, and to develop alliances where the interest of one of the corporations is jeopardized by third parties . . .⁶

Of course, where individuals serve on the boards of two or more companies that have related interests, their duty should be to harmonize those interests as best they can. If they cannot do so, their

⁵ *Corporate Directorship Practices*, Joint Report from National Industrial Conference Board and American Society of Corporate Secretaries, Studies in Business Policy, No. 125, New York, 1967, pp. 93-94. See also *The Role and Composition of the Board of Directors of the Large Publicly Owned Corporations*, Statement of the Business Roundtable, New York, January 1978, pp. 8-15; and Myles L. Mace, *Directors: Myth and Reality*, Graduate School of Business Administration, Harvard University, Boston, 1971, pp. 43-71.

⁶ Report of Federal Trade Commission, *supra*, note 1, pp. 20-21.

only choice may be to withdraw from the business at hand. Indeed, they might find it ethically or legally necessary to withdraw from participation at the outset of the consideration. Although such withdrawal may resolve their personal conflicts, it cannot satisfy the obligation of the director to pursue that policy which is best for each of the companies [s]he represents. Where they wear several hats, directors are inevitably caught in the middle, and by not acting at all, they may be betraying their trust to the stockholders of each of the companies they represent.

POTENTIALS FOR ANTITRUST ABUSE

What are some of the potential areas for abuse?

First, among the largest national corporations (and for that matter among the largest companies within a region), personal interlocks between business leaders may lead to a concentration of economic or fiscal control in a few hands. There is in this the danger of a business elite, an ingrown group, impervious to outside forces, intolerant of dissent, and protective of the status quo, charting the direction of production and investment in one of several industries. Such an elite may be spawned by the concentration of key directors of major firms on a single board where they directly interlock, or by the distribution of such key directors among various other boards where they indirectly interlock their companies.

Second, interlocks between actual or potential competitors, whether direct or indirect, provide a linkage for communication and discussion which can result in common action (with or without agreement) and a consequent elimination of competition. Direct interlocks among industrials which are actual competitors are generally illegal under section 8 of the Clayton Act,⁷ but there are some loopholes in that statute. Certain direct interlocks between potential competitors are not necessarily illegal, nor are indirect interlocks between actual competitors. However, such linkages, under certain factual situations, may violate section 5 of the Federal Trade Commission Act.⁸ The FTC is presently exploring the dimensions of its statute as applied to competitors who sit together on the boards of intermediate companies—that is, the indirect interlock device as a potential for anti-competitive abuse.

Third, there may be directorate interconnections between companies which, although not directly competitive, are in the same or closely related industries. Such liaison relationships may result in corporate policies which discourage expansion and diversification into competitive areas, or the development of completely new business fields.

The Federal Trade Commission report identified interlocking relations between companies with a community of interests, such as industrials and financial institutions which might create a united front against any who threaten to disrupt habitual relationships.⁹

⁷ 15 U.S.C. 19.

⁸ 15 U.S.C. 45.

⁹ FTC Report, *supra*, note 1, pp. 24-25.

Fourth, vertical interlocks—where a common director links two or more companies having actual or potential dealings with each other at different levels of business activity—are also potentially dangerous. Such interlocks can reach backward to various stages of supply or forward through various levels of distribution and consumption. In either case, the close relationship may lead to preferential treatment to the detriment of other suppliers or consumers. Vertical interlocks also provide avenues for reciprocal dealing, vertical integration and exclusive dealing arrangements which can disrupt free markets and work a hardship on smaller producers and consumers.

Fifth, perhaps the most pervasive of the direct and indirect interlocks identified by this study are those among financial institutions and industrials, utilities, transportation companies, retailers and other heavy users of financial services.

There is no question that potentials for abuse are inherent in the very nature of the close board room ties involving financial and nonfinancial entities. Nonfinancial corporations are major customers of banks and other financial institutions in their regions and nationally. They not only obtain extensive loans, both short and long term, they make substantial bank deposits. They use banks and other institutional services for the collection of revenues; for payments to suppliers, employees, shareholders and others; for the management of pension funds, and for other financial and corporate needs. Having a representative on the customer's board places a bank in a special position to learn the particular needs of such customer and to obtain a favored position in meeting those needs to the detriment of other financial institutions. Similarly, such inside relationships provide advantages to the bank in the purchasing or selling of the customer's securities which could affect the value of those securities.

Such institutional interlocks may establish a community of interest which could result in policies benefiting the competitive positions of those doing business with the financial companies. This problem is of present concern to the Federal Trade Commission, and was the subject of testimony by then Chairman Lewis Engman before the subcommittee in 1974. Mr. Engman testified in part:

The Commission's Bureau of Competition * * * is examining the so-called institutional interlock; that is the situation whereby financial institutions, particularly commercial banks, are interlocked through common personnel and business relationships with commercial corporations. As a vertical interlock between borrower and lender, the institutional interlock, when multiplied, may lead to indirect horizontal interlocks between competitors.

Although the institutional interlock pattern may very well be prevalent in all capital-intensive industries, the focus of our study is on the effects of institutional interlocks on America's energy industries. It could be particularly important, at a time when energy companies appear to be competing for expansion capital, to examine the effects of interlocking relationships among energy companies, commercial banks, and other financial institutions. One of the

questions the staff is addressing is whether these interlocking relationships are used to establish preferential access to credit that may result in harm to competitors.

The anticompetitive potential of institutional interlocks may be intensified to the extent that many of the interlocked financial institutions may have interlocking personnel relationships with several competing companies * * *. There is concern that representation of competitors on the same bank boards, for example, may lead to exchanges of information between competitors, collusive activity, and possible communities of interest strong enough to provide a substantial handicap to nonrepresented companies dependent upon those banks for essential services. In addition, it is not inconceivable that links between competing corporations created by the institutional interlock could provide a stimulus and a source of available capital for anticompetitive mergers, acquisitions, joint ventures, and other transfers and combination of corporate power.¹⁰

POSSIBLE CONFLICTS OF INTEREST

In addition to potential avenues for antitrust abuse caused by interlocking directorate situations, there are possible conflicts of interest which may arise from such interlocks. There is the obvious problem of directors using special "inside information" for personal gain or for the unjust enrichment of others. There are the more subtle conflicts arising from directors, officers or partners of investment firms and other financial organizations serving on the boards of publicly-held enterprises. Professor Myles L. Mace has a good description of this possible problem in his book, *Directors: Myth and Reality*:¹¹

An investment banking firm, in addition to its underwriting function and other corporate financing services, typically does investment counseling, employs brokers, and controls or advises mutual funds. The performance of these functions creates an inevitable internal conflict of interest for the partner of an investment banking firm who serves as a director of a business corporation. Unless the firm refuses to deal in, or to advise the purchase or sale of, the securities of companies where partners are directors, the conflict of interest for the partner-director is inevitable. And the dilemma for the partner-director is: Do I represent the interests of the stockholders in the company served as a director, or the interests of the firm of which I am partner? Resolution of this dilemma by stating that he serves both at the same time—what is good for the corporation is good for the investment banking firm—cannot be accepted in good conscience as valid in all cases; and neither can the creation of rules and regulations with regard to communications between partner-directors and other interested, profit-centered, responsible

¹⁰ Senate Committee on Government Operations, Subcommittee on Budgeting, Management and Expenditures and Subcommittee on Intergovernmental Relations, joint hearing, May 20, 1974, *Corporate Disclosure*, Part 2, p. 901.

¹¹ See Mace, "Directors: Myth and Reality," *supra*, note 5, pp. 128-153.

officers of the investment firm. Investment bankers may be people with wide experience and exposure to business practice, and generally bright and perceptive. But they are people. It is unreasonable to expect that people will behave in a manner inconsistent with, or inimical to, their best interests as they perceived them.¹²

Mace also described the dangers of a business corporation being locked into an investing institution by virtue of having its representatives on the corporate board. Again he states:

Most of the company presidents interviewed stated that partners of investment banking firms typically were experienced and able contributors to the solution of management problems at the board of directors level. But, they added, the motivation of investment bankers to serve as directors of business corporations was primarily to assure that the investment banking relationship with the company would be maintained and protected. Interviews with investment bankers confirmed that their main reason for being willing to devote time and energy to being a director of a company was to keep the investment banking business of the corporate client, and to get exposure to other directors in order to generate new banking business . . . Those who believe in the values of the competitive system will recognize that in those situations where a vendor knows he has an exclusive relationship with a buyer, the vendor is in a position to engage in practices which could not be enjoyed under conditions of free and open competition . . . Based on the evidence accumulated through the field interviews, I conclude that representatives of investment banks should not serve as members of corporate boards of directors.¹³

And the conflict here is not limited to investment bankers but extends to other investing institutions, as Mace discerned from his study. He concludes:

But if one of the principal reasons for not having investment bankers on boards is that they have a conflict of interest resulting from access to inside information, it would appear that commercial bankers representing banks with trust departments share the same disqualifying conflict of interest.¹⁴

C. FEDERAL AGENCIES RESPONSES: NO SYSTEM FOR DATA OR ANALYSIS

To determine how Federal agencies inform themselves and the public on interlocking directorates and the extent they have been analyzing the overall impact of such interlocks, the chairman of the subcommittee wrote 33 departments and agencies. His letter covered the following question areas:

(1) The extent to which the agency can provide on a current basis the name of each principal officer or director of every company with assets or sales in excess of \$100 million and the name of each other business organization with which such person is affiliated as an officer or person exercising similar functions.

¹² *Id.*, pp. 150-151.

¹³ *Id.*, pp. 151-153.

¹⁴ *Id.*, p. 153.

(2) A description of what information is available, how it was obtained for official use, where it is located, and whether or not it is available for inspection by the public.

(3) If the agency did not have this information available in its official files, a description as to how it might seek to obtain it from other sources, both public and private.

(4) An identification of the present authority which the agency has to obtain this information directly from such business organizations or from such officers or directors.

(5) A brief description of any laws, rules, regulations, or other procedures of the agency which authorize it to take any action with respect to interlocking officer or director relationships.

(6) A listing of those actions taken by the agency pursuant to such laws, regulations, or procedures during the years 1970 through 1976, the results thereof, and whether such actions were formal or informal in nature.

(7) The extent to which the agency has proposed or developed any rules, legislation, regulation, procedure, or internal mechanism for obtaining the names of such interlocking officers and directors.^{14a}

All the departments and agencies responded. None could provide on a current basis the requisite personal interlock information, nor did any agency have any mechanism for obtaining it on an annual basis.

Some agencies had the general authority to collect the information, but they had taken no official action to do so. Those agencies required by law to enforce prohibitions against certain types of interlocks obtained their data on a case-by-case basis through limited procedures of audit or discovery, or from private publications. None had a current program for monitoring all interlocks among companies within their jurisdictions to see if existing laws and regulations were being followed. There was no single place in the Federal Government where the public could find out what major interlock information was available from what agency. And even if there were such a place, there was no assurance that such agency information would be current—or complete.

Thus, the conclusion reached by the staff in analyzing the responses to the chairman's letter and in making its own follow-up investigation is that, at any given time, there is no way for any citizen to know who currently sits on a major company's board and with what other companies or firms (s)he is similarly affiliated, unless such company or person provides the interlock information voluntarily.

Several private services attempt to keep up to date on corporate officers and directors, but these services are beyond the financial reach of the average person. In many instances they are neither accurate nor current. Indeed, these private sources rely primarily on dated and partial reports to Government agencies for their interlock information.

In addition to not being informed on current interlock information, no agency has conducted any overall interlocking directorate investigation or study in recent years. Some agencies do look at specific interlock situations relating to individual companies under their jurisdiction primarily in response to possible legal violations, but there has

^{14a} Letter of February 4, 1977 to 33 departments and agencies from Senator Lee Metcalf.

been no effort to look at the broad array of interlocks as they may affect one or more industries or markets, or the Nation's economy in general.

The inadequacy and inaccuracy of the Federal reports dealing with the ownership and control of publicly held corporations was the subject of hearings held jointly by the Subcommittee on Reports, Accounting, and Management (then Budgeting, Management, and Expenditures) and the Subcommittee on Intergovernmental Relations in the 93d Congress (1974).¹⁵ It was further documented in detail in four subcommittee publications: "Disclosure of Corporate Ownership" (S. Doc. 93-62); "Institutional Investors' Common Stock" (S. Doc. 94-247); "Corporate Ownership and Control" (S. Doc. 94-246); and the January 1978, committee print, "Voting Rights in Major Corporations."

Following the subcommittee hearings on corporate disclosure, the General Accounting Office initiated a meeting of representatives of agencies which collect, or have the authority to collect, corporate information. From this group a Steering Committee on Uniform Corporate Reporting was formed. The Committee developed a proposed model code for corporate disclosure which, among other things, contained the uniform requirement that corporations report for its principal officers and directors all their affiliations with any other business or financial organization, firm, or partnership. In addition, the companies would be required to report certain contracts and agreements entered into with firms with which such officers and directors are affiliated.¹⁶

This model disclosure code was formally transmitted to the relevant agencies in January 1975. Since that date only one agency, the Interstate Commerce Commission, has promulgated any rules requiring the reporting of interlocking directorate information, and those rules are not to go into effect until this year.^{16a}

This survey is concerned only with information with respect to interlocking directorates; however, the same general conclusions may be drawn as to the capability of the Government or private sources to furnish the public with an accurate and current picture of a major company's corporate structure; its largest voting stockholders; and the holders or trustees of its corporate debt. Such additional information, which again can be found in no single place, if indeed it can be found at all, is relevant to a public understanding of who has actual or potential control over a company's policies.

AGENCY FAILURES

The following is a detailed discussion of the failure of certain key Federal agencies to develop any meaningful system for collection, analysis and dissemination of interlocking directorate data.

The Securities and Exchange Commission.—If there is any agency where a citizen would expect to find current interlock information

¹⁵ Hearings, *Corporate Disclosure*, 1974, supra, see note 10, parts 1, 2 and 3.

¹⁶ Senate Committee on Government Operations, Subcommittee on Reports, Accounting and Management, *Corporate Ownership and Control*, November 1975. Sen. Doc. 94-246. 94th Cong., 2d sess., pp. 105-122.

^{16a} The Federal Reserve Board has had requirements for the annual reporting of director interlocks for some time.

with respect to major U.S. corporations, it is the SEC. Congress established the agency to protect the interests of the investing public by requiring full public disclosure of material information by the issuers of securities. The SEC's jurisdiction covers a very wide range of major U.S. companies.

Certainly an investor might wish to know who sits on the board of a major issuer, and what other directorships that board member currently holds. As stated earlier, board members are intimately involved in the development and management of company policies; they have a fiduciary duty to shareholders, and they are supposed to safeguard the corporate assets. Any facts indicating potential conflicts of interests through interlocking directorates should be available to the investing public.

However, as the SEC response points out, it does not require disclosure by the issuer of its directors' other directorships, nor even those committee memberships held by directors on the issuer's board, such as positions on the audit, executive and finance committees. On November 2, 1976, the SEC proposed a rule covering these omissions in the reporting system which included, among other things, information about direct remuneration to directors and certain legal actions in which they were involved. There is still no indication at this time as to when the Commission will make its decision. Indeed, there has been a substantial degree of public speculation that it may not act on its own proposal.

Despite its admission by filing the rulemaking that it needs the interlock data, the SEC in its response to Chairman Metcalf assured the subcommittee it already had the requisite interlock information in various required filings by respondent corporations. An inspection by subcommittee staff of the various corporate reports filed with the Commission disclosed no such competent data, except as might be volunteered by a few of the large corporations.

The SEC referred the subcommittee to its Name and Relationship Search (NRS) system by which, the Commission says, it is possible to trace interlocking directorates for major companies on a current basis. The staff visited the SEC and obtained an NRS computer print-out of corporate officers and directors for a number of top U.S. companies. Such service would not have been available to the public. Even if it were, it would have been of little use, since in a number of instances the names of the corporate officers and directors were not current, nor correct, and the background information listed under each name was in many cases out-of-date and sometimes incomplete, making it impossible to identify existing interlocks.

Because the NRS system was inadequate, the staff made a second request to the SEC for a listing of director interlocks for some 130 of the largest corporations as of December 31, 1976. This time the SEC staff, in order to provide a more accurate list, went to the individual files on each company, and obtained what interlock information it could find from annual reports, proxy statements and other materials provided by the companies. This was a hunt-and-peck, hand-operated system for the collection of directors' names and affiliations. Despite the effort involved, the SEC staff could not guarantee the accuracy of the information, since much of its data was taken from documentation which was not formally required by the Commission.

The SEC has enforcement jurisdiction over interlocking directorates under the Public Utility Holding Company Act. This act prohibits any officer or director of a registered holding company or subsidiary company from having an officer or director who is also affiliated with a bank, trust company, investment banker, or banking association, except as may be permitted by rule under a public interest standard. The SEC also has jurisdiction over horizontal and vertical interlocks in positions held by officers, directors, or employees of companies registered under the Investment Company Act of 1940. In its answer to the chairman's letter, the SEC did not mention these enforcement responsibilities, but it did state that "no enforcement actions have been taken by the Commission solely with respect to interlocking officer or directorships." Presumably, if the SEC had a more manageable and current system for identifying interlocks, particularly bank and investment company interlocks, it would be able to monitor and enforce its two interlocking directorate statutes.

The Department of Justice.—The Department (through its Antitrust Division) is the lead agency in the Government responsible for the enforcement of the antitrust laws. Section 1 of the Sherman Act makes illegal every contract, combination, or conspiracy in restraint of trade. Section 2 makes it a crime to monopolize, or to attempt or conspire to monopolize, any part of trade and commerce.¹⁷ In both instances, interlocking corporate managements may provide a vehicle for the violation. Section 8 of the Clayton Act outlaws interlocking directorates among competitive corporations. Section 10 of that act makes it illegal for a common carrier to have dealings in securities, supplies or construction or maintenance contracts with another corporation if there is an interlocking management relationship between them, unless there has been competitive bidding. Enforcement of these statutes requires constant investigative surveillance of shifting personnel interlocks among the larger corporations dealing in interstate commerce.

In 1947, the Department instituted a survey of 1,600 corporations involving more than 10,000 directors, which resulted in a number of voluntary separations of questionable interlocks and several major lawsuits. This novel antitrust enforcement technique, followed by similar action of the Federal Trade Commission, had a healthy effect in alerting the business community to the extent to which corporate interconnections would be tolerated.¹⁸

However, the Department has done very little since that time to place the investigation and enforcement of interlocking directorates on its list of priorities. Indeed, in answer to the Chairman's letter, the Department said that it does not maintain even a current list of the names of officers and directors of major corporations, let alone their other affiliations. It is possible that specific information may find its way into investigatory files, but this is not available to the public, and in many instances, not even generally within the Antitrust Division. Instead, when necessary, the agency prepares its evidence by consulting published business reference manuals, such as Standard and Poor's "Register of Directors and Executives" and Dun & Brad-

¹⁷ 15 U.S.C. 1 and 2.

¹⁸ V. H. Kramer, *Interlocking Directorships and the Clayton Act After 35 Years*, 59 Yale L.J. (1950), pp. 1270-1271.

street's "Reference Book of Corporate Managements," and by scanning the Wall Street Journal for the names of newly appointed directors to major corporations.

Several years ago, the Antitrust Division staff considered feeding existing interlock data into the mammoth Justice Department computer, and obtaining a sophisticated analysis of the current corporate interstructure, but the idea was never pursued, and the Nation's chief antitrust prosecutor still gropes in the dark. Justice did manage, however, to file six civil actions under section 8 during the years 1970 through 1976. All of these were settled; none was tried. There were no cases filed under section 10.

There has been for some time a general reluctance among officials at the Antitrust Division to investigate and prosecute structural cases involving monopolization and oligopolistic concentration in major markets. The question of bigness; of combined corporate power; of conscious parallel behavior; and lack of competition in price and quality, have not been addressed by the Division in any comprehensive way in recent years. Interlocking directorates—basic evidentiary elements of potential corporate control and concentration—have been generally ignored by the Division, as have such other elements of corporate control such as stock ownership, debt controls, and joint ventures.

Such a reluctance to tackle the major antitrust issues, and failure to seek aggressively judicial interpretation and enforcement of the antitrust laws with respect to economic concentration, would seem to be inconsistent with the administration's avowed policy to protect and preserve a competitive and free economy.

The Antitrust Division could demonstrate its intent to grapple with the problem of concentration by, as a first step, conducting a broad investigation of interlocking directorate relationships among the largest U.S. corporations, including the nature of the discussions that take place in the board rooms of those corporations.

Federal Trade Commission.—This agency has concurrent jurisdiction with the Justice Department to enforce prohibitions relating to interlocks between competing corporations under section 8 of the Clayton Act. In addition, the FTC can invoke its authority under section 5 of the Federal Trade Commission Act to outlaw, as unfair methods of competition, certain other types of interlocking directorates. However, despite its broad jurisdiction to deal with the interlock problem, the Commission does not have any policy or mechanism for monitoring the current status of officer and director affiliations among major companies under its jurisdiction. Instead, it investigates selectively, obtaining its information on an ad hoc basis. The Commission has the basic authority to obtain such data under sections 6 and 9 of the Federal Trade Commission Act. Section 6(b) authorizes the Commission to require corporations (except banks and common carriers) to file annual or specific reports or answers in writing to questions relating to a company's organization, business, conduct, practices, management and relation to other corporations partnership or individuals. A recent statute (Public Law 93-153) authorized the Commission to obtain similar information from banks and common carriers

to the extent that the required information was necessary to an investigation of a corporation or industry not engaged in banking or in business as a common carrier.

In 1975 the FTC staff prepared a proposed 6(b) special report form designed to develop data on interlocking financial, business, and personnel arrangements from the Nation's 1,000 leading industrial corporations. Comments and suggestions provided to the staff concerning this original proposal resulted in a staff decision to narrow the data sought to only that respecting personnel interlocks, and to focus primarily on those circumstances where such interlocks might relate to either section 8 of the Clayton Act or section 5 of the FTC Act.

This revised information request would have provided the first comprehensive listing of interlocking directorates compiled by the Federal Government since the interlock study conducted by the Commission in 1950. Properly programmed, the interlock information could be computer-analyzed to alert both the Commission and the public as to those intercorporate relations with the potential of illegality or abuse.

However, after much fanfare and assurances to this subcommittee by the then Commission chairman that the broad survey was going to be implemented, the proposal was shelved because, among other reasons, it was not thought to be worth the cost and effort.

Late in 1976, with apparently some lingering interest in the idea of developing the interlock data, the Commission staff asked Standard & Poor's and Dun & Bradstreet if the FTC could tap into their computer systems, which to a certain extent are kept current by the publishers. As of the date of this report, the staff negotiations with the private sources have produced nothing of substance, and the Commission has taken no action to encourage the staff to pursue the establishment of an interlock information system whether from governmental or privately-published sources.

It is interesting to note that as part of its congressionally mandated energy study, the Commission has launched an investigation into bank-energy company interlocks to determine whether there may be violations of section 8 of the Clayton Act, or of section 5 of the Federal Trade Commission Act. Because the Commission had no official interlock data from the companies, it had to resort to its subpoena power for the information. This, in part, resulted in protracted litigation.

To summarize from the Commission's answer to Chairman Metcalf's letter, the FTC does not maintain files on interlocking officers and directors of major U.S. corporations, nor does it gather such data. It may have noncurrent information in its investigatory or case files, subject to Freedom of Information Act restrictions as to public access. When the FTC needs the information, it goes either to certain privately published sources or to a compulsory discovery process which can get bogged down in litigation. The Commission has the requisite information-gathering authority to obtain the names of officers and directors of major corporations, and the other corporate affiliations of such personnel. It has not taken the necessary steps to ask for this information on an across-the-board basis, and even its recent plan to purchase the data from private sources seems to be running into a bureaucratic dead end.

Federal Energy Regulatory Commission and Securities and Exchange Commission: Utility Interlocks.—Section 305(b) of the Federal Power Act forbids horizontal interlocks among electrical utilities and vertical interlocks with electrical equipment suppliers and with banks, trust companies, banking associations, or firms authorized to underwrite or participate in the marketing of securities of electric utilities.¹⁹ The statute provides for the Federal Power Commission to enforce the prohibitions and further authorizes that agency to grant exemptions upon a showing that neither public nor private interests would be adversely affected by the subject interlocks. Enforcement responsibility for section 305(b) was transferred to the Secretary of Energy under the Department of Energy Organization Act, then delegated to the Federal Energy Regulatory Commission, successor to the FPC, by the Secretary of Energy. The old FPC's rules and regulations—still in effect—define those positions for which approval must be sought, the procedures to be followed and the information which must be submitted. Failure to obtain such approvals may result in criminal penalties.

Section 17(c) of the Public Utility Holding Company Act makes it unlawful for any registered holding company, or subsidiary company, to have an interlock with any bank, trust company, investment banker or banking association, or with any corporation a majority of whose voting stock is owned by any such financial institutions.²⁰ Jurisdiction for enforcement of this statute is vested in the Securities and Exchange Commission which is also authorized to prescribe rules and regulations governing the granting of exceptions to the prohibitions under certain public and private interest standards. Rule 70 of the SEC's General Rules and Regulations under the Public Utility Holding Company Act covers these exceptions.

Criminal penalties are also provided for any willful violation of the provisions of section 17(c) or any rule or regulation thereunder.

Despite these mandates requiring regulatory enforcement of illegal utility interlocks, neither the FERC nor the SEC appear to know which utility officers and directors sit on what other corporate boards, except as such information may be furnished them voluntarily or obtained through agency discovery on an individual basis.

In answer to Chairman Metcalf's letter, the FPC stated:

To the extent that an officer or director of a public utility is not required to file for authorizations (exemptions) under section 305(b), the * * * Commission would have no record in its files to indicate interlocking positions or directorships with other companies.

The SEC responded:

The Commission does not currently require disclosure of all interlocking officer and director relationships * * *. While it is possible that the existence of interlocking directorships would * * * be significant to a shareholder being asked to vote for corporate directors, that is a determination that must be made by the corporation filing documents with the Commission.

¹⁹ 16 U.S.C. 825d.

²⁰ 15 U.S.C. 79q.

Further inquiry by the staff has shown that even though the FERC and the SEC have existing statutory authority to make general investigations into the effect of interlocks upon the business operations and management policy of electric and gas utilities, they have not done so. Nor have they promulgated any rules for the general reporting of interlock information which would enable them as well as the public to be currently informed of potential conflicts of interest and avenues for corporate abuse.

Nevertheless, it should be noted that over 3 years ago the FPC proposed a rulemaking that would require its regulated companies to report the other business affiliations of their officers and directors, including the extent of the transactions between the interlocked entities. (FPC Docket No. 75-77). As of the printing of this report, the new Commission has yet to take any action on the proposal, and supporting staff action has ceased.

Similarly, as previously noted the SEC proposed a rulemaking (10 SEC Docket 834) that would require certain of its regulated companies (including utilities) to report their officer and director interlocks. That proposed rulemaking has suffered a similar fate of delay and reduced priority.

Civil Aeronautics Board.—Section 409 of the Federal Aviation Act prohibits, without prior Board approval, interlocking relationships between an air carrier and any other air carrier, any common carrier, or any other company engaged in a "phase of aeronautics." Board approval is granted on a standard that the public will not be adversely affected.²¹

As part of its enforcement responsibility, the Board by regulation requires each officer and director of an air carrier to file with it annually a report disclosing all air carrier positions presently held by such officer or director and such positions held in a common carrier, in enterprises engaged in any other phases of aeronautics, or in enterprises whose principal business is that of holding securities or control of any air carrier, common carrier, or enterprises engaged in any phase of aeronautics. The Board also requires disclosure of all stock or other interests, direct or indirect, beneficial or otherwise, held by an officer or director of an air carrier in any other air carrier, common carrier, person engaged in a phase of aeronautics, or person whose principal business is that of holding securities or control of such entities. This information is made available for public inspection in the Agreements Division of the Board's Bureau of Operating Rights.

At first blush, the required interlock information would seem to cover substantial ground, but on close inspection, it fails a comprehensive disclosure test. For instance, officers and directors need file only those interlocks with air carriers, common carriers, and firms engaged in a phase of aeronautics, or those holding control in such a firm, and not their other directorate affiliations. This leaves out suppliers, customers, and financial institutions, unless they are involved in a phase of aeronautics, which judgment is left to the subjective interpretation of the respondent.

²¹ 49 U.S.C. 1379.

What constitutes "being engaged in a phase of aeronautics" has always been unclear, as indeed is that which constitutes "an enterprise whose principal business is holding securities or controlling a carrier or person engaged in a phase of aeronautics." Thus, the net result of this confusion is to provide the respondent with a loophole through which it can report only what it believes to come within the requirements.

The Aviation Consumer Action Project, a frequent party before the CAB on behalf of the consumer, reports that the CAB's interlock files are replete with omissions relating to key interlocking relationships between air carriers and financial institutions such as banks, insurance companies, brokerage and investment firms. The Board itself has admitted that it does not have sufficient information "on the relationships that obtain between airlines, on the one hand, and financial institutions, aircraft lessors or substantial creditors, on the other," and that in some instances, "these ties may be augmented by interlocking relationships, direct or indirect." The Board instituted an investigation to determine whether and in what manner financial institutions may influence the management of air carriers. A key area of discovery in phase I of the investigation was "the existence of interlocks between equity holding financial institutions, substantial creditors, aircraft lessors, and equipment manufacturers, inter se, or between such persons and air carriers."²²

But this investigation, begun in 1974, is still bogged down after nearly 4 years of delay due to bureaucratic red tape, regulatory indecision, reduced priority status, and dilatory administrative litigation.

Indeed, if there had been available to the CAB a system of identifying the current interlocks of officers and directors involved in the airline industry, the Board as well as the public would have a head start in plotting the lines of potential financial control over the airlines.

Federal Communications Commission.—The requirements for the reporting and regulation of interlocking directorates are varied at this agency. For instance, broadcasters are required to report the names of each officer and director, his or her principal occupation during the past 5 years and businesses in which [s]he has had a 25 percent interest within the past 5 years. Common carriers must report only the name and business address of each officer and director. Cable television operators must report to the commission the names and addresses of their officers and directors and their interests in other communications entities. And special and safety radio services, although licensed to many corporations with assets in excess of \$100 million, do not carry any interlocking directorate reporting requirements at all. None of the regulatory bureaus have a comprehensive picture of the direct and indirect interlocks that exist in the communications field, except as may be included in the files of individual cases. The Commission, nevertheless, has the authority to obtain the information if it should desire to do so.

As to laws or regulations which require the Commission to take any action with respect to interlocks, the Commission is authorized and indeed directly responsible for keeping fully informed about the

²² CAB Docket 26348, Institutional Control of Air Carriers Investigation.

corporate directorates under its jurisdiction. Section 212 of the Communications Act of 1934 prohibits horizontal management interlocks between telephone and telegraph companies, subject to exemptions by the Commission under a public interest standard.²³ The act is silent with respect to indirect interlocks which may have the same purpose and effect as the direct, horizontal interconnections. A description of indirect interlocking directorates among communications competitors is contained in Analysis 2 of Part II of the study (at page 75).

In the broadcast area, the Commission does not prohibit interlocking officer and directorships per se. Rather, the Commission has multiple ownership rules which are designed to promote diversity of viewpoints and competition in broadcasting by prohibiting common ownership, operation, or control—including being a common officer or director—of two or more stations in the same broadcast service serving substantially the same area. The Commission's rules also proscribe the acquisition of stations which would result in common ownership, operation and control of radio and television facilities in the same market or broadcast stations and daily newspapers in the same market. These rules prohibit any party, or any of its officers, directors, or stockholders, from having a direct or indirect interest in, or being stockholders, officers, or directors of, more than seven AM, seven FM, and seven television stations—no more than five of which may be in the VHF band. The Commission also has adopted the cable television cross-ownership rule which proscribes common ownership, operation, control of, or interest in a national television network and a cable system serving substantially the same area, or a cable system and a television translator station which are licensed to the community of service of the cable system.

In cable television, the Commission's rules prohibit telephone common carriers subject to the Communications Act of 1934 from furnishing cable television service to the viewing public in its telephone service area, either directly or indirectly through an affiliate owned or controlled by the common carrier. Additionally, the rules prohibit telephone common carriers from providing channels of communication or pole line, conduit space or other rental arrangements to any entity owned, operated, or controlled by the common carrier, where such facilities or arrangements are to be used for providing cable television service to the viewing public within the service area of the common carrier. Another rule addresses the issue of cross-ownership between cable television systems and broadcasters and stipulates that no cable television system shall carry the signal of any television broadcast station if such system directly or indirectly owns, operates, controls, or has an interest in (1) a national television network, (2) a television broadcast station whose predicted contour overlaps in whole or in part the service area of the cable system, or (3) a television translator station licensed to the community served by the cable system.

All of these proscriptions rest on some determination of common ownership, operation, or control. Direct and indirect interlocks beyond the carriers themselves may play a substantial part in that determination. It is incredible that the Commission has not established a monitoring system to identify who sits on whose board, and what representation and controls (s)he may bring to the carrier's board table.

²³ 47 U.S.C. 212.

Interstate Commerce Commission.—This Commission enforces section 10 of the Clayton Act which prohibits carriers from dealing with suppliers or contractors with which they have common officers or directors, except on the basis of competitive bidding.²⁴ A requirement is placed on the carriers to inform the Commission of any such interlocks. Section 20a(12) of the Interstate Commerce Act makes it unlawful for any person to be an officer or director of more than one rail carrier, unless such interlock is approved by the Commission upon a showing that neither public nor private interests will be adversely affected thereby.²⁵ Section 5(14) of the Interstate Commerce Act forbids a railroad or oil pipeline carrier from having any interest in a competing water carrier through, among other things, "directors in common," unless permitted in certain instances by the Commission under a public interest and convenience standard.²⁶ Section 5(4) of the act makes it a positive violation for any person to effectuate common control between railroads, motor carriers and water carriers by, among other means, use of common directors or officers.²⁷

These prohibitions place an absolute responsibility on the Commission to know at any point in time who sits on what carrier's board, and what other officer or director affiliations such person holds, even though such affiliation may not be with a carrier.

The Commission has not had any reporting mechanism for obtaining this information from the carriers under its jurisdiction, except as it may receive selected data from its carrier audits or with respect to specific litigation. In May 1977, the Commission adopted essentially the reporting requirements for interlocking directorates as contained in the model code, previously described. Reporting is expected to begin—unless further delayed—in 1978. Thus, the ICC will be the only agency which has positively responded to the interlocking directorate information issue.

Federal Reserve Board.—The Federal Reserve System has supervisory authority over three types of financial institutions: (1) bank holding companies; (2) State banks that are members of the Federal Reserve System; and (3) Edge Act corporations. Edge Act corporations are usually wholly owned subsidiaries of large banks. They are engaged in international or foreign banking or other international or foreign financial operations. Directors and senior officers of Edge Act corporations are usually senior officers and/or directors of parent banks.

As of June 30, 1976, the Federal Reserve supervised 516 bank holding companies and 140 State-member banks with assets in excess of \$100 million. Of the 140 State-member banks, 42 were subsidiaries of bank holding companies; all but 12 of the 42 non-holding-company banks were registered with the Federal Reserve under provisions of the Securities Exchange Act—"Regulation F banks." Both bank holding companies and regulation F banks apparently are required to file periodic reports detailing much of the interlock information referred to in the Chairman's letter.

²⁴ 15 U.S.C. 20.

²⁵ 49 U.S.C. 20a(12).

²⁶ 49 U.S.C. 5(14).

²⁷ 49 U.S.C. 5(4).

Section 8 of the Clayton Act and the Board's Regulation L, Interlocking Bank Relationships under the Clayton Act, with certain exceptions, prohibit any person who is a director, officer or employee of any member bank from serving in any such position with "any other bank, banking association, savings bank, or trust company" where the two banks are located in the same, contiguous, or adjacent cities, towns or villages. Section 32 of the Banking Act of 1933 and the Board's Regulation R, Relationships with Dealers in Securities under section 32 of the Banking Act of 1933, prohibit interlocking personnel relationships between member banks and securities companies. Section 3(c) of the Bank Holding Company Act and the Board's Regulation Y, Bank Holding Companies, regarding acquisition of bank shares of assets, prohibit approval of applications which would result in a monopoly or substantially lessen competition, unless anticompetitive effects are clearly outweighed in the public interest by the probable effect of the transaction in meeting the convenience and needs of the community to be served.

The Federal Reserve Board has gone the farthest of any regulatory agency to obtain the necessary directorate information and make it publicly available. But it has not effectively policed compliance by the companies and banks under its jurisdiction. A recent check by the subcommittee staff disclosed that the interlock data in its file room was, in many cases, over a year old, and it appeared that some member organizations had simply ignored the filing requirements. Thus, however exemplary the Board's reporting rules on interlocks may be, they are rendered completely unsatisfactory by the lack of enforcement.

The Comptroller of the Currency.—Approximately 350 national banks file with the Comptroller statements containing the names of all directors and officers and a brief account of their business experience during the past five years, but they are not required to report directorate interlocks for public dissemination. Such information as it may relate to interlocks with other banks may be found in the examination files which are confidential. The Comptroller has no disclosure system comparable to that of the Federal Reserve Board, described above.

Other Agency Responses.—Appendix E sets forth selected excerpts of responses to Chairman Metcalf's letter from other departments and agencies. These responses show an extraordinary disinterest and indifference to the roles played by interlocking officers and directors among the corporations with which they have administrative dealings.

For instance, the Department of Defense has awarded hundreds of billions of dollars of contracts to large private corporations often on a competitive basis. Yet, except for certain instances relating to security, DOD does not know the management interrelationships among the companies with which it deals.

The Department is the largest Government purchaser of private goods and services. The cost and quality of those goods and services in large part are related to the degree of competition and independence in the free market. Close-knit board relationships among major manufacturers, suppliers, and financial institutions may foster cor-

porate policies which increase our already staggering costs. The Department should maintain basic and current information as to the structure and management ties of each of its major defense companies.

Similar comments may be appropriate for the Department of the Interior which deals almost daily with the Nation's largest energy, mining, timber, and land development companies. That Department could not provide the subcommittee with any relevant interlock information. In fact, in 1976, a special subcommittee of the Senate Interior Committee (now the Committee on Energy and Natural Resources) found it necessary in seeking information on the structure of the petroleum industry to obtain its own data through a questionnaire to the energy companies, in large part because the Department of the Interior did not have the essential information. The new Department of Energy has a mandate to coordinate the collection of basic corporate information from the energy and power companies through an Energy Information Administration (EIA). Whether EIA will develop on an updated basis a compilation of management interlocks similar to that produced by this study is not known at this time.

The Departments of Labor, Commerce, and Transportation each indicated that they had no official files or information systems that would provide the data requested in the chairman's letter. These departments also have extensive responsibility for the administration of a variety of statutes dealing with American business organizations.

The Commerce Department in its response to the chairman said that it defers to the Securities and Exchange Commission as to the availability of the directorate information. As previously mentioned, the SEC's reporting requirements and information management systems are entirely inadequate.

The Labor Department indicated that under the Fair Labor Standards Act, a knowledge of directorate affiliations may be relevant and necessary, but the Department's knowledge is limited to evidence contained in formal cases.

D. METHODOLOGY OF THE STUDY

Chairman Metcalf requested that the scope of interlock data compilation and analysis be reasonably limited within the time and resources of the subcommittee staff. Pursuant to this objective, a primary universe of 130 major U.S. corporations was established for evaluation. These included the 30 largest industrials, the 20 largest commercial banks, the 10 largest life insurance companies, the 10 largest diversified financial companies, the 20 largest utilities, the 20 largest transportation companies, and the 10 largest retailers. Also included were the seven leading investment advisory companies and the three major broadcasting companies.

This array of companies provides a meaningful business spectrum for analysis. The companies relate to each other across the national scene. In greater or lesser degree they are competitors, suppliers, customers, and sources of financial service and support. Together, they move and shape the corporate policies that determine the kind, quality, and price of products and services upon which most Americans depend for their living and working existence.

The study looks at the interlocking directorate relationships for each of these major companies in 1976. This time frame was chosen

in order to assure as accurate an interlock data base as possible from existing governmental and other informational sources. Unfortunately, the SEC staff could not supply an accurate and complete list of the company directors and their other affiliations. Thus, additional information had to be collected by the subcommittee staff from a variety of other government and corporate sources. Although there may be some errors or omissions in the data, it is probably the most complete compilation of interlock information that could be assembled under the circumstances.

The data base was obtained by feeding into the computer the name of every director of each of the 130 major companies and the name of each other company (major or minor) on which such person was found to sit as a director. The data as stored can be corrected or updated at any time. Additional information can also be included in the base.

After the data was entered, the computer was programed to search and identify the specific routes of directorate linkage among each of the major companies.

The most comprehensive interlock analysis is contained in Appendix A of the study. This is a master computer printout showing for each of the 130 companies its interlocking routes with every other major firm. Directors are listed alphabetically along with the name of each company (major or otherwise) on which they sit as a director. There is then listed the name of each major company which has a director on that intermediate company's board, together with the name of the director so linked. This provides the reader with an instant picture of every direct interlock of a major company with any other corporation, and the name of every other major company with which it was indirectly interlocked.

Appendix B of the study provides a quantitative description of the interlocking relationships between each of the major companies. In this analysis, the computer has counted the number of direct interlocks and the number of indirect interlocks among the companies.²⁸ It also computes the number of intermediate companies which provide the opportunities for the indirect linkages. Finally, it totals the number of major companies with which each major firm is interlocked.

These two appendixes provide the reader with the basic tools for making a simple analysis of the interrelationships among any of the 130 major companies in which there may be a concern.

Appendix C contains a listing of the officers and directors of major business organizations in the 1976-1977 period together with a listing of the major companies with which each official was affiliated as a director.

CONCENTRATION OF ECONOMIC AND POLITICAL POWER

Part II contains a series of computer analyses showing the extent of concentration of corporate power among the largest corporations and among companies in certain industries through interlocking directorships.

²⁸ In a direct interlock, the director is the route between the companies he represents. The interlock is unambiguous. In the indirect interlock situation, directors of one company may sit on the boards of other companies thereby interlocking those companies indirectly on the board of the third company. Put another way, a director of one company may meet the director of a second company on the board of the third, thereby forming an indirect interlock between the first and second company. These interlocking relationships are counted in Appendix B as direct and indirect routes. Routes relate to the lines of potential communication between the interlocked companies through the personal contacts of directors.

Analysis 1 (p. 27) concerns the direct and indirect connections among the 13 largest American corporations. These companies account for around 40 percent of the assets of the entire 130 major companies in the study. Each of the 13 companies relate to each other through interlocks in varying degrees, but they also reach down through direct and indirect interlocks to more than two-thirds of the other 117 companies, and to many smaller companies as well.

Analysis 2 (p. 75) looks at the indirect interlocks among those major corporations which compete in certain large markets. The companies selected for this study were the largest automotive manufacturers, energy corporations, telecommunication companies, retailing organizations, and financial institutions. These industries were chosen because they provide goods and services that impact directly and heavily upon the lifestyles of the American people. They are also bellwethers of the national economy, affecting substantially the conditions and levels of inflation and employment.

Analysis 2 also includes, for certain industries, a description of the directorate interconnections with major suppliers and customers. However, the primary objective of this analysis is to indicate the pattern of indirect linkages existing among competitors in these industries so that value judgments may be made as to the potential for concentration and anticompetitive behavior.

Analysis 3 (p. 186) is a different approach. It covers only two industries—airlines and electric utilities—and identifies close interlocking directorate relationships between regulated companies and major financial institutions. Both airlines and utilities are capital intensive and dependent upon banks, insurance companies and other lenders for a substantial part of their financing and other services.

Analysis 4 (p. 214) is a computer listing of companies which directly interlock on the boards of major New York financial institutions and upon the boards of certain very large nonfinancial corporations. The purpose of this analysis is to describe each of the special interests that are represented around the board tables of America's largest and most prestigious corporations. It provides an opportunity to observe the potential advantages which major competitors, suppliers, and customers may obtain by having representatives in direct contact with each other on some other company's board, particularly that of a powerful corporation.

Analysis 5 (p. 236) is a compilation of directors serving on three or more corporate boards.

Unlike previous reports and studies of interlocking directorates, this staff effort has not attempted to involve complicated and sophisticated analyses of the quantitative effects and trends of interlocks. Rather, this is a report of the directorate relationships between a limited group of very large companies during a particular time—1976. It provides a base for further examination and analyses by others more expert and knowledgeable about the subtleties of interlocking directorate relationships.

The staff was fortunate in obtaining, through the Senate Rules Committee, the services of the Senate Computer Center, which provided technical and professional assistance in assembling and programing the data for analysis.

LIST OF MAJOR COMPANIES

1	AETNA LIFE AND CASUALTY COMPANY
2	AHMANNSON, H. F., AND COMPANY
3	AMERICAN AIR LINES, INC.
4	AMERICAN BROADCASTING COMPANIES
5	AMERICAN ELECTRIC POWER COMPANY, INC.
6	AMERICAN EXPRESS COMPANY
7	AMERICAN GENERAL CAPITAL MANAGEMENT, INC.
8	AMERICAN STORES COMPANY
9	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
10	ATLANTIC RICHFIELD COMPANY
11	BANKAMERICA CORPORATION
12	BANKERS TRUST NEW YORK CORP.
13	BETHLEHEM STEEL CORPORATION
14	BRANIFF INTERNATIONAL CORPORATION
15	BURLINGTON NORTHERN, INC.
16	CAPITAL RESEARCH MANAGEMENT COMPANIES
17	CATERPILLAR TRACTOR COMPANY
18	CBS, INC.
19	CHARTER NEW YORK CORP.
20	CHASE MANHATTAN CORP.
21	CHEMICAL NEW YORK CORPORATION
22	CHESSIE SYSTEM, INC.
23	CHRYSLER CORPORATION
24	CITICORP
25	COLUMBIA GAS SYSTEM
26	COMMONWEALTH EDISON
27	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
28	CONSOLIDATED EDISON CO OF NEW YORK
29	CONSOLIDATED FREIGHTWAYS, INC.
30	CONSUMERS POWER COMPANY
31	CONTINENTAL CORPORATION, THE
32	CONTINENTAL ILLINOIS CORPORATION
33	CONTINENTAL OIL COMPANY
34	CROCKER NATIONAL CORPORATION
35	DELTA AIR LINES CORPORATION
36	DETROIT EDISON COMPANY
37	DREYFUS CORPORATION
38	DUKE POWER CO
39	DUPONT, E. I., DE NEMOURS AND CO.
40	EASTERN AIRLINES, INC.
41	EASTMAN KODAK COMPANY
42	EQUITABLE LIFE ASSURANCE
43	EXXON CORPORATION
44	FEDERATED DEPARTMENT STORES, INC.
45	FIDELITY MANAGEMENT AND RESEARCH CO.
46	FIRST BANK SYSTEM, INC.
47	FIRST CHAPTER FINANCIAL CORP.
48	FIRST CHICAGO CORPORATION
49	FIRST NATIONAL BOSTON CORP.
50	FLORIDA POWER AND LIGHT COMPANY
51	FORD MOTOR CO.
52	GENERAL ELECTRIC COMPANY
53	GENERAL MOTORS CORP.
54	GENERAL PUBLIC UTILITIES CORP.
55	GENERAL TELEPHONE AND ELECTRONICS CORP.
56	GOODYEAR TIRE AND RUBBER COMPANY
57	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
58	GREAT WESTERN FINANCIAL CORPORATION
59	GULF OIL CORPORATION
60	INTERNATIONAL BUSINESS MACHINES CORP.
61	INTERNATIONAL HARVESTER COMPANY
62	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
63	INVESTORS DIVERSIFIED SERVICES, INC.
64	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
65	KRESGE, S. S., COMPANY
66	KROGER COMPANY, THE
67	LOEWS CORPORATION
68	LORD, ABBETT AND COMPANY
69	MANUFACTURERS HANOVER CORPORATION
70	MARINE MIDLAND BANKS, INC.
71	MASSACHUSETTS FINANCIAL SERVICES, INC.
72	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
73	MELLON NATIONAL CORPORATION
74	MERRILL LYNCH AND COMPANY, INC.
75	METROPOLITAN LIFE INSURANCE COMPANY
76	MIDDLE SOUTH UTILITIES, INC.
77	MISSOURI PACIFIC CORPORATION
78	MOBIL CORPORATION
79	MORGAN, J. P., AND CO., INC.
80	NATIONAL DETROIT CORPORATION
81	NEW YORK LIFE INSURANCE COMPANY
82	NORFOLK AND WESTERN RAILWAY COMPANY
83	NORTHEAST UTILITIES
84	NORTHWEST AIRLINES, INC.
85	NORTHWEST BANCORPORATION
86	NORTHWESTERN MUTUAL LIFE INSURANCE CO
87	OCCIDENTAL PETROLEUM CORPORATION
88	PACIFIC GAS AND ELECTRIC COMPANY
89	PAN AMERICAN WORLD AIRWAYS, INC.
90	PENN CENTRAL COMPANY
91	PENNEY, J. C., CO., INC.
92	PHILADELPHIA ELECTRIC COMPANY
93	PHILLIPS PETROLEUM COMPANY
94	PRICE (T. POWE) ASSOCIATES, INC.
95	PROCTER AND GAMBLE COMPANY
96	PRUDENTIAL INSURANCE CO. OF AMERICA

97 PUBLIC SERVICE ELECTRIC AND GAS CO.
98 PUTNAM MANAGEMENT COMPANY, INC. (THF)
99 RCA CORP.
100 SAFEWAY STORES, INC.
101 SANTA FE INDUSTRIES, INC.
102 SEABOARD COAST LINE INDUSTRIES, INC.
103 SEARS, ROEBUCK AND CO.
104 SECURITY PACIFIC CORP.
105 SHELL OIL COMPANY
106 SOUTHERN CALIFORNIA EDISON COMPANY
107 SOUTHERN COMPANY
108 SOUTHERN PACIFIC COMPANY
109 SOUTHERN RAILWAY COMPANY
110 STANDARD OIL COMPANY OF CALIFORNIA
111 STANDARD OIL COMPANY OF INDIANA
112 TENNECO, INC.
113 TEXACO, INC.
114 TEXAS UTILITIES COMPANY
115 TRANS WORLD AIRLINES, INC.
116 TRANSAMERICA CORPORATION
117 TRAVELERS INSURANCE COMPANY
118 UAL, INC.
119 UNION CARBIDE CORPORATION
120 UNION OIL COMPANY OF CALIFORNIA
121 UNION PACIFIC CORPORATION
122 UNION SERVICE CORPORATION
123 UNITED STATES STEEL CORPORATION
124 VIRGINIA ELECTRIC AND POWER CO. (VEPCO)
125 WADDELL AND REED, INC.
126 WELLS FARGO AND COMPANY
127 WESTERN BANCORPORATION
128 WESTERN ELECTRIC CO., INC.
129 WESTINGHOUSE ELECTRIC CORPORATION
130 WOOLWORTH, F. W., CO.

PART II—CONCENTRATION STUDIES: ANALYSES OF INTERLOCK INFORMATION

Part II contains a series of computer analyses showing the directorate interlocks among 130 of the Nation's largest corporations during the year 1976. The study centers on identifying the specific routes of linkage; that is, where the director of one major corporation sits as a director of another major corporation (direct route); and where directors of two major corporations meet as directors of a third or intermediate corporation (indirect route). In each instance, the directorate linkage may provide a special opportunity for the sharing of information and the discussion of corporate policy which could lead to a common understanding and course of dealing among the interlocked companies, thus diminishing their independence and concentrating their economic strength.

This report does not make any allegations as to the predatory use of specific interlocks for such anticompetitive purposes. However, certain general patterns of corporate concentration will be described, and some potentials for abuse will be identified, in order to provide an information base for further examination by congressional committees, Federal agencies, and interested members of the public.

It should be noted that the interlocks identified in these studies relate to persons who were directors of the major companies during the 1976 calendar year. Some may not have held such positions during the entire year. Others may not have continued their directorships beyond 1976.

ANALYSIS 1. MEN AND WOMEN AT THE TOP: DIRECTOR INTERLOCKS AMONG THE LARGEST U.S. CORPORATIONS

Analysis 1 concerns the close interlocking relationships between the 13 largest American corporations in 1976.²⁹ These companies accounted for about 40 percent of the assets of the 130 major companies in the overall study. Not only did most of the 13 firms relate substantially to each other through direct and indirect interlocks, but on an average they were found to reach down to nearly 70 percent of the remaining 117 major companies. Aggregating the computer calculations in Appendix B, these 13 companies had a total of 240 direct interlocks and 5,547 indirect interlocks covering a combined average of nearly 90 major companies. These are conservative statistics since the data base did not include director interlocks among the top 13 firms' 486 subsidiaries and other companies in the study.

²⁹ See Fortune Magazine's *The Fortune Directory*, June and July 1977 for 1976 assets of the largest industries, banks, utilities and insurance companies.

The analysis is divided into three parts: First, a comparison table of information taken from Appendix B showing for each company the number of times it interlocked—directly and indirectly—with each other company on the list; second, some brief comments on the apparent degree of concentration which was created by the interlocking directorate device among these companies; and third, a computer print-out containing a complete listing of the directors and companies involved in the direct and indirect linkages between each of the 13 largest companies.

The 130 companies included in the overall study were the largest firms in their respective fields—industrials, commercial banks, life insurance companies, diversified financial companies, retailers, transportation companies, utilities, and investment advisory companies. Together, they represented assets totaling over \$1 trillion, which were about 25 percent of the assets of all corporations in the United States.³⁰

At the top of this group, the 13 firms stood apart from the rest in terms of asset size. The largest company, American Telephone and Telegraph, with assets of about \$90 billion was $2\frac{1}{2}$ times the size of the Nation's leading industrial company, Exxon. The huge communications carrier was nearly 4 times the size of the No. 2 industrial, General Motors; and nearly 6 times the size of Ford, the smallest company among the 13 firms in the analysis. Among the financial companies, BankAmerica was the leader with \$74 billion, nearly twice the size of the Nation's largest life insurance company, Prudential, and more than $2\frac{1}{2}$ times the size of J. P. Morgan, the fifth largest banking company (by assets) in the study. After Ford, most of the companies—financial and nonfinancial—fell off substantially in asset size. For instance, United States Steel, the Nation's largest steelmaker and 14th largest industrial, had assets of only \$9.2 billion about one-tenth the size of A.T. & T. and less than 40 percent of the size of General Motors. Mellon National, the Nation's 16th largest banking company, had assets of \$9.3 billion, about one-eighth of first ranked BankAmerica. In further contrast, the 130th company in the study had assets of under \$1 billion—about 1 percent of those of A.T. & T.

Thus, the 13 companies at the top of American business, with a commanding position of size among the 130 in the study, were a logical choice for the first of a series of computer analyses into the concentration of corporate power through interlocking directorates.

CONCENTRATION AMONG THE MAJORS

How do the men and women at this top of corporate America—the directors—relate to each other? How significantly do they reach down into the 117 other corporations where they may influence corporate policies, directly and indirectly? To answer these questions is the objective of analysis 1.

In a truly arm's-length, free enterprise economy one might at least expect to find the largest companies relatively independent of each other. After all, they have enormous resources with which to buy and

³⁰ Total assets of all U.S. corporations in 1974 were \$3.99 trillion, according to the U.S. Treasury Department's Preliminary Statistics of Income, Corporate Income Tax Returns, Publication No. 1591-77. The Subcommittee staff estimates that for 1975, such total may reach \$4.26 trillion; and for 1976, over 4.6 trillion. No official estimates have been published for these years, however.

produce and sell on a competitive basis. The computer analysis here, however, raises serious questions as to whether such corporate independence really exists among these companies.

TABLE 1. Director Interlocks Among Top Twelve U.S. Corporations, 1976

	A.T. & T.	Citicorp	Chase Manhattan	Metropolitan	BankAmerica	General Electric	Manufacturers Hanover	J.P. Morgan	Prudential	Metropolitan Life	Union	Amalgamated Clothing	J.I. Morgan	General Motors	Ford	Rockwell	Truett	Rockwell Int'l.
A.T. & T.	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Citicorp	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Chase Manhattan	1	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Metropolitan	1	1	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BankAmerica	1	1	1	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1
General Electric	1	1	1	1	1	15	1	1	1	1	1	1	1	1	1	1	1	1
Manufacturers Hanover	1	1	1	1	1	1	15	1	1	1	1	1	1	1	1	1	1	1
J.P. Morgan	1	1	1	1	1	1	1	15	1	1	1	1	1	1	1	1	1	1
Prudential	1	1	1	1	1	1	1	1	15	1	1	1	1	1	1	1	1	1
Metropolitan Life	1	1	1	1	1	1	1	1	1	15	1	1	1	1	1	1	1	1
Union	1	1	1	1	1	1	1	1	1	1	15	1	1	1	1	1	1	1
Amalgamated Clothing	1	1	1	1	1	1	1	1	1	1	1	15	1	1	1	1	1	1
J.I. Morgan	1	1	1	1	1	1	1	1	1	1	1	1	15	1	1	1	1	1
General Motors	1	1	1	1	1	1	1	1	1	1	1	1	1	15	1	1	1	1
Ford	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	1	1	1
Rockwell	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	1	1
Truett	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	1
Rockwell Int'l.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15

* 15 columns of squares and lines

** Number of direct interlocks are upper right, number of indirect are lower left. 15 of 150 total interlocks, the number of indirect interlocks.

Table 1 indicates that, except with respect to BankAmerica, each of the top companies interlocked directly or indirectly with each other. In some situations the direct interlocks were multiple linkages. Most of the indirect interlocks among these companies were more than 6 in number and many indirect relationships particularly between the largest financial institutions, exceeded the number of 15.

For instance, A.T. & T. was found to have the greatest amount of interlocks with each of the other top 12 corporations. It was directly interlocked with Citicorp through A.T. & T.'s chairman. Directors of A.T. & T. sat with directors of Citicorp on 12 intermediate boards, accounting for 20 indirect routes of director contact. The huge telecommunications carrier interlocked with Chase Manhattan on 12 intermediate boards through 22 indirect routes. It directly interlocked with Manufacturers Hanover twice and indirectly interlocked with that company 17 times. It interlocked with J. P. Morgan on 12 boards, through 18 indirect routes. A.T. & T. directly interlocked with Prudential through 1 direct interlock and had 10 indirect interlocks on 6 intermediate boards. Indirect routes with Metropolitan totaled 17, on 9 boards.³¹

³¹ The number of direct and indirect interlocks and the number of intermediate boards may be found under the names of the respective companies in Appendix B. A detailed description of the interlocks is contained in the computer printout at the end of each analysis.

The chairman of A.T. & T. was represented on the board of General Motors along with a second A.T. & T. director. The boards of these two large nonfinancial companies indirectly interlocked 13 times. A.T. & T. connected with Exxon through that energy company's chairman, and through eight indirect interlocks. Additional A.T. & T. links were with Texaco (1 direct interlock); Mobil (1 direct and 12 indirect routes); and Ford (9 indirects on 7 boards).

In all, A.T. & T. had 31 direct and 625 indirect connections reaching 93 out of the 130 major companies in the study. Thus, the giant private carrier achieved an outstanding potential for control and influence over the policies of the country's largest corporations.

Exxon, in addition to its interconnections with A.T. & T., was linked with General Motors through 15 indirect routes on 9 intermediate company boards, and with Ford through 4 routes on 3 boards. The big oil company indirectly interlocked with its leading competitors, twice with Texaco and 6 times with Mobil. Exxon, likewise obtained a close linkage with the other top major companies, including 2 direct interlocks with Citicorp, 1 direct interlock with Chase, 1 direct with Prudential, 1 direct with Metropolitan, and 6 indirect interlocks with Morgan. All told, Exxon extended its influence to 74 of the 130 companies through 11 direct interlocks and 248 indirect routes involving 184 intermediate companies. Exxon's close ties with the country's leading energy companies is described in Analysis 2, "The Energy Industry," at page 91.

General Motors reached 90 of the 130 companies in the study through 27 direct interlocks and 614 indirect routes on 342 intermediate boards. In addition to linking with A.T. & T. and Exxon, the giant car manufacturer interlocked with the top financial companies as follows: with Citicorp (2 direct, 10 indirect); Chase (2 direct, 6 indirect); Prudential (8 indirect); Metropolitan (2 direct, 22 indirect); Manufacturers Hanover (16 indirect) and J. P. Morgan (3 direct and 8 indirect).

The huge automotive company also interlocked with Ford through seven indirect routes on the boards of three companies. GM interconnected with the second and third largest energy companies through one indirect interlock with Texaco and five indirect routes to Mobil. Thus, General Motors was able to reach the boards of all but one of the other top 12 companies, including its major competitor (Ford), a major automotive purchaser (A.T. & T.), 3 energy companies supplying the fuel for its products (Exxon, Texaco, Mobil) and 5 of the largest suppliers of financial services. The potential anticompetitive impact of GM's interconnections is further explained in Analysis 2, the "Automotive Industry," at page 75.

The Nation's largest financial institutions showed a similar heavy pattern of interlocks with each other, and with the largest nonfinancial firms in the 13-company evaluation.

BankAmerica, the largest U.S. banking company, indirectly interlocked twice each with Citicorp, Chase, Prudential, and Morgan, and four times with Metropolitan. BankAmerica also indirectly interlocked with A.T. & T. four times through four companies; and with Ford three times through three companies. BankAmerica's influence extended to 75 of the 130 major companies through 10 direct and 153 indirect routes.

Citicorp, the Nation's second largest domestic and the largest international banking operation, had an extraordinary close relationship with the other top corporations. It indirectly linked with Chase Manhattan 18 times. Its directors met the directors of Manufacturers Hanover 26 times on 15 intermediate boards. It indirectly interlocked with J. P. Morgan 30 times on 19 boards. Citicorp extended its extraordinary director power to the largest insurance companies: Prudential (14 indirect routes); and Metropolitan (1 direct and 22 indirect interlocks).^{31a}

In addition, Citicorp directly linked once with A.T. & T. (plus 20 indirects); twice with Exxon (plus 5 indirects); twice with General Motors (plus 10 indirects); once with Mobil (plus 8 indirects) and once with Ford (plus 2 indirects).

All in all, Citicorp linked with 97 of the 130 companies through 31 direct interlocks, and 685 indirect routes on 474 intermediate boards.

Chase Manhattan, in addition to linking indirectly with its primary competitor, Citicorp, also interlocked with Morgan through 17 indirect routes on 9 intermediate company boards. Chase Manhattan indirectly connected with Prudential 10 times on 6 boards, and with Metropolitan 16 times on 11 boards. Chase also related to the largest nonfinancial companies as follows: A.T. & T. (22 indirect interlocks); Exxon (1 direct interlock); General Motors (2 direct, 6 indirect); Ford (5 indirect); Texaco (1 indirect); and Mobil (7 indirect).

In total, Chase reached 89 of the 130 major companies through 18 direct interlocks and 517 indirect routes on 360 intermediate boards.

J. P. Morgan holds 100 percent control of Morgan Guaranty Trust Co. of New York, which is the Nation's largest holder of voting stock in U.S. corporations. In 1976, Morgan Guaranty was among the top 5 stockvoters in almost one-half of the 130 companies in the study.³² Among the top nonfinancial companies, Morgan linked indirectly with A.T. & T. 18 times; indirectly with Exxon 6 times, directly with General Motors 3 times; directly with Ford once; indirectly with Texaco once; and indirectly with Mobil twice.

Among its sister financial companies, Morgan interlocked indirectly 30 times with Citicorp; indirectly 17 times with Chase; indirectly twice with BankAmerica, directly once with Prudential (indirectly 4 times) and directly once with Metropolitan (and indirectly 19 times).

All told, Morgan interlocked with 99 out of the 130 companies—the largest number for any of the top 13—by a total of 27 direct links, and 506 indirect interlocks through 365 intermediate companies.

Prudential, the Nation's largest life insurance company, was found to interlock directly and indirectly with 81 of the 130 companies. This major supplier of capital indirectly linked with Citicorp 14 times on 10 intermediate boards; with Chase 10 times on 6 intermediates; with Morgan 4 times on 2 intermediates; and with its major competitor, Metropolitan, 6 times on 5 intermediate boards. Among the nonfinancial companies, Prudential interlocked with A.T. & T. (1 direct and 10 indirect interlocks); Exxon (1 direct); General Motors (8 indirect); Ford (3 indirect); Texaco (1 indirect); and Mobil (6 indirect).

^{31a} For purposes of this study, Metropolitan Life is considered to be directly interlocked with Citicorp because Metropolitan's chairman sat as a director on the board of Citibank (a wholly owned Citicorp subsidiary) where also sat each of the directors of Citicorp. This close connection between the chairmen of the second and fourth largest financial institutions in the Nation can hardly be considered indirect.

³² See "Voting Rights in Major Corporations," committee print, *supra* note 3.

Metropolitan, in addition to interconnecting with Prudential, had directors who interlocked with the following top financial companies: Citicorp (1 direct, 22 indirect); Chase (1 direct, 16 indirect); Morgan (1 direct, 19 indirect); and BankAmerica (4 indirect). Among the largest nonfinancial companies, Metropolitan linked indirectly 17 times with A.T. & T.; directly once and indirectly 8 times with Exxon; directly twice and indirectly 22 times with General Motors; indirectly 6 times with Ford; indirectly once with Texaco, and indirectly 6 times with Mobil.

Metropolitan's interlocks reached to 98 out of the 130 companies, through a total of 29 direct and 641 indirect interlocks.

Manufacturers Hanover had more indirect linkages with its colleagues than did any other company: A.T. & T. (17); Citicorp (26); Chase Manhattan (27); Prudential (8); Metropolitan Life (12); J. P. Morgan (25); General Motors (16); Mobil (7) and Exxon (3).³³ It was also directly interlocked with A.T. & T. twice.

Additional connections between these largest financial companies and their other competitors may be found in Analysis 2, "Financial Institutions," at page 119.

Mobil, Texaco and Ford did not reach the intensity of directorate interconnection enjoyed by the other firms.

Perhaps more important than the number of times these top U.S. companies linked together were the manner and substance of their interlocks. Their directors sat on a number of other very powerful corporate boards. The purpose of the computer print-out set forth below is to show in detail the director networks established between each of the 13 companies. It is intended to provide a factual base for evaluation as to the potentials for corporate concentration. That is to say, this part of the analysis describes the machinery by which the country's largest corporations could have communicated essential information and coordinated corporate policies with each other.

For example, at the board table of A.T. & T., the following top corporations were directly represented: Citicorp, Manufacturers Hanover, Prudential, Exxon, Mobil, Texaco and General Motors. That accounts for 7 of the other 12 companies which were covered by A.T. & T. It then reached the remaining five largest firms primarily through director interlocks on the boards of these seven top companies. It linked with Chase Manhattan on the boards of General Motors and Exxon. It interlocked with J. P. Morgan through Prudential and General Motors. It reached Metropolitan Life on the boards of Citicorp, Exxon and General Motors. And it connected with BankAmerica through the boards of Chrysler and DuPont, and with Ford Motor on the boards of Citicorp and Bankers Trust. A more complete description is set forth below.

Citicorp had a similar pattern of directorate coverage over its 12 colleagues. On the board of Citicorp were directors representing the following six top companies: A.T. & T., Metropolitan Life, Exxon, General Motors, Mobil and Ford. It reached the six remaining largest firms as follows: Chase Manhattan through Exxon, General Motors and Metropolitan Life; J. P. Morgan through General Motors, Ford and Metropolitan Life; Manufacturers Han-

³³ Figures in parentheses indicate number of indirect routes between the Manufacturers Hanover and the named companies.

over through A.T. & T., General Electric and U.S. Steel; Prudential through A.T. & T., General Electric and U.S. Steel; Prudential through A.T. & T. (and Western Electric) and Exxon; Texaco through A.T. & T.; and BankAmerica through Standard Oil of California and DuPont. Again, this is only a partial list of its indirect interlocks.

Metropolitan Life is another company with a strong directorate network among the remaining 12 top corporations. It directly interlocked with Citicorp, Chase Manhattan, Exxon, J. P. Morgan and General Motors. But it linked indirectly with Prudential through Exxon and Fidelity Union Bancorporation; with BankAmerica through UAL and Pacific Gas and Electric; with Manufacturers Hanover through U.S. Steel and Union Carbide; with A.T. & T. through Citicorp, Exxon and General Motors; with Ford through Citicorp and J. P. Morgan; with Mobil through Citicorp and Chemical New York; and with Texaco through Anaconda. More detailed indirect interlocks appear in the print-out below.

J. P. Morgan likewise directly connected with Prudential, Metropolitan Life, General Motors and Ford, out of which it was able to obtain indirect interlocks with A.T. & T., Chase Manhattan, Citicorp, Exxon and Manufacturers Hanover.

Analysis 1 has been a study of how the top 13 corporations in the country involved themselves on each other's boards and on the boards of other large companies. The study reveals that in addition to being very large, these companies held an enormous potential for directing and influencing industrial and financial policies with respect to each other and among the other major companies.

A serious question is raised by this extraordinary concentration at the top of the structure of industrial and financial America. Can such a conglomeration of economic and political power permit a free and competitive enterprise system? The answer to this question lies in further investigation and analysis. This study has identified the existing interlocking directorate pattern among the leading corporations for the year 1976. It carries a profound implication that corporate power may be far more concentrated than it has been presumed to be.

CONCENTRATION STUDIES--MEN AND WOMEN AT THE TOP

AMERICAN TELEPHONE AND TELEGRAPH COMPANY INTERLOCKS
 BANKAMERICA CORPORATION
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR CARTER, EDWARD W.
 WITH DI GIORGIO, ROBERT

CHRYSLER CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH HALABY, NAJEEB E.

DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BROWN, CHARLES L.
 WITH BRIMMER, ANDREW F.

SOUTHERN CALIFORNIA EDISON COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH MCDANIEL, THOMAS M., JR.

CHASE MANHATTAN CORP.
 AMERICAN EXPRESS COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH FURLAUD, RICHARD M.

CHRYSLER CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.

CONTINENTAL CORPORATION, THE
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH BARBER, CHARLES F.
 AND LILLEY, ROBERT D.

EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH KAUFFMAN, HOWARD C.

FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH LAZARUS, RALPH

GENERAL FOODS CORP.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH FERGUSON, JAMES L.

GENERAL MOTORS CORP.
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 WITH CONNOR, JOHN T.
 AND SMITH, J. STANFORD

INTERNATIONAL PAPER CO.
 DIRECTOR MURPHY, WILLIAM B.
 AND ELLINGHAUS, WILLIAM M.
 WITH PRATT, EDMUND T., JR.
 AND SMITH, J. STANFORD

REYNOLDS, R. J., INDUSTRIES, INC.
 DIRECTOR DAVIS, ARCHIE K.
 WITH MACOMBER, JOHN D.
 AND MYERS, CHARLES F., JR.

UNION CARBIDE CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH FERGUSON, JAMES L.

UNITED STATES STEEL CORPORATION
 DIRECTOR DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 WITH MYERS, CHARLES F., JR.

WACHOVIA CORP.
 DIRECTOR DAVIS, ARCHIE K.
 WITH MYERS, CHARLES F., JR.

CITICORP
 DIRECT THRU DEBUTTS, JOHN D.

BOEING CO.
 DIRECTOR BATTEN, WILLIAM M.
 WITH HAYNES, HAROLD J.

AND PIGOTT, CHARLES M.
 CUMMINS ENGINE CO., INC.
 DIRECTOR MILLER, J. IRWIN
 WITH THOMAS, FRANKLIN A.
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BROWN, CHARLES L.
 WITH SHAPIRO, IRVING S.
 EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH GARVIN, CLIFTON C., JR.
 AND GRAY, HARRY J.
 GENERAL MOTORS CORP.
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.
 KRAFTCO CORP.
 DIRECTOR CLEARY, CATHERINE B.
 WITH DEBUTTS, JOHN D.
 MOBIL CORPORATION
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH SHELDON, ELEANOR H. B.
 NEW YORK TELEPHONE COMPANY
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH HOUGHTON, AMORY, JR.
 AND THOMAS, FRANKLIN A.
 PENNEY, J. C., CO., INC.
 DIRECTOR BATTEN, WILLIAM M.
 AND ELLINGHAUS, WILLIAM M.
 WITH SEIBERT, DONALD VINCENT
 AND WRISTON, WALTER B.
 PEPSICO INC.
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH GARVIN, CLIFTON C., JR.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR SPEER, EDGAR B.
 WITH OELMAN, ROBERT S.
 UNITED STATES STEEL CORPORATION
 DIRECTOR SPEER, EDGAR B.
 WITH DEBUTTS, JOHN D.
 EXXON CORPORATION
 DIRECT THRU MACNAUGHTON, DONALD S.
 CATEPILLAR TRACTOR COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH FRANKLIN, WILLIAM H.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR BROWN, CHARLES L.
 AND WARNER, RAWLEIGH, JR.
 WITH PIERCY, GEORGE T.
 CITICORP
 DIRECTOR DEBUTTS, JOHN D.
 WITH GRAY, HARRY J.
 AND GARVIN, CLIFTON C., JR.
 FIRST WISCONSIN CORP.
 DIRECTOR CLEARY, CATHERINE B.
 WITH PETERSON, MARTHA E.
 PEPSICO INC.
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH GARVIN, CLIFTON C., JR.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR SPEER, EDGAR B.
 WITH HARNESS, EDWARD G.
 FORD MOTOR CO.
 BANKERS TRUST NEW YORK CORP
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH CULLMAN, JOSEPH F., III
 CAMPBELL SOUP CO.
 DIRECTOR MURPHY, WILLIAM B.
 AND JOHNSON, BELTON K.
 WITH GADSDEN, HENRY W.
 CITICORP
 DIRECTOR DEBUTTS, JOHN D.
 WITH OELMAN, ROBERT S.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 DIRECTOR HANIFY, EDWARD B.
 WITH BENNETT, GEORGE F.
 MERCK & CO., INC.
 DIRECTOR MURPHY, WILLIAM B.

WITH GADSDEN, HENRY W.
 AND HEISKELL, MARIAN S.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR SPEER, EDGAR B.
 WITH OELMAN, ROBERT S.
 TIME, INC.
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH HEISKELL, MARIAN S.
 GENERAL MOTORS CORP.
 DIRECT THRU CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 CITICORP
 DIRECTOR DEBUTTS, JOHN D.
 WITH HATFIELD, ROBERT S.
 INTERNATIONAL PAPER CO.
 DIRECTOR MURPHY, WILLIAM B.
 AND ELLINGHAUS, WILLIAM M.
 WITH SMITH, J. STANFORD
 KRAFTCO CORP.
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 WITH CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 M. I. T. CORP.
 DIRECTOR KILLIAN, JAMES R., JR.
 WITH TERRELL, RICHARD L.
 NEW YORK STOCK EXCHANGE
 DIRECTOR BATTEN, WILLIAM M.
 AND HOLLAND, JEROME HEARTWELL
 WITH ROCHE, JAMES M.
 PEPSICO INC.
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH ROCHE, JAMES M.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR SPEER, EDGAR B.
 WITH MORGENS, HOWARD J.
 UNITED STATES STEEL CORPORATION
 DIRECTOR DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 WITH BRANCH, HARLEE, JR.
 AND DEBUTTS, JOHN D.
 MANUFACTURERS HANOVER CORPORATION
 DIRECT THRU HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 AMERICAN EXPRESS COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH HENLEY, HENRY H., JR.
 BRISTOL-MYERS CO.
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH HENLEY, HENRY H., JR.
 CHRYSLER CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH HAUGE, GABRIEL
 CONTINENTAL CORPORATION, THE
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPP, GEORGE G.
 KRAFTCO CORP.
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 WITH MCGILLICUDDY, JOHN F.
 AND BEERS, WILLIAM O.
 AND ZIPP, GEORGE G.
 NEW YORK STOCK EXCHANGE
 DIRECTOR BATTEN, WILLIAM M.
 WITH HOLLAND, JEROME HEARTWELL
 NEW YORK TELEPHONE COMPANY
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH HAUGE, GABRIEL
 UNION CARBIDE CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH WILSON, F. PERRY
 UNITED STATES STEEL CORPORATION
 DIRECTOR DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 WITH BEERS, WILLIAM O.
 METROPOLITAN LIFE INSURANCE COMPANY

CHEMICAL NEW YORK CORPORATION
 DIRECTOR BROWN, CHARLES L.
 AND WARNER, RAWLEIGH, JR.
 WITH PLACE, JOHN B. M.
 AND FUNSTON, G. KEITH

CITICORP
 DIRECTOR DEBUTTS, JOHN D.
 WITH JENKINS, GEORGE P.

EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH PETERSON, MARTHA E.

FIRST WISCONSIN CORP.
 DIRECTOR CLEARY, CATHERINE B.
 WITH PETERSON, MARTHA E.

GENERAL MOTORS CORP.
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 WITH MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.

PROCTER AND GAMBLE COMPANY
 DIRECTOR SPEER, EDGAR B.
 WITH HARPER, JOHN DICKESON

SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
 DIRECTOR BROWN, CHARLES L.
 WITH PAST, L. EDMUND

UNION CARBIDE CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.

UNITED STATES STEEL CORPORATION
 DIRECTOR DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 WITH SMILEY, DONALD B.

MOBIL CORPORATION
 DIRECT THRU WARNER, RAWLEIGH, JR.
 AMERICAN EXPRESS COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH CLARK, HOWARD L.

BANKERS TRUST NEW YORK CORP
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.

CHEMICAL NEW YORK CORPORATION
 DIRECTOR BROWN, CHARLES L.
 WITH WARNER, RAWLEIGH, JR.

CITICORP
 DIRECTOR DEBUTTS, JOHN D.
 WITH SHELDON, ELEANOR H. B.

GENERAL FOODS CORP.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH TAVOULAREAS, WILLIAM P.
 AND CLARK, HOWARD L.

MARCOR INC.
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH DONNELL, EDWARD S.
 AND RIOPDAN, JAMES QUENTIN
 AND TAVOULAREAS, WILLIAM P.
 AND TUCKER, RICHARD F.

UNITED STATES TRUST COMPANY
 DIRECTOR JOHNSON, BELTON K.
 WITH CLARK, HOWARD L.

MORGAN, J. P., AND CO., INC.
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH PROCKNOW, DONALD E.

CAMPBELL SOUP CO.
 DIRECTOR MURPHY, WILLIAM B.
 AND JOHNSON, BELTON K.
 WITH DORRANCE, JOHN T., JR.

CONTINENTAL CORPORATION, THE
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH LEACH, RALPH F.

DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BROWN, CHARLES L.
 WITH JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH JOHNSON, H. W.

GENERAL MOTORS CORP.
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 WITH FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 DIRECTOR HANIFY, EDWARD B.
 WITH JOHNSON, H. W.
 MERCK & CO., INC.
 DIRECTOR MURPHY, WILLIAM B.
 WITH PAGE, WALTER H.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR SPEER, EDGAR B.
 WITH MORGENS, HOWARD J.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH PROCKNOW, DONALD E.
 SOUTHERN RAILWAY COMPANY
 DIRECTOR DAVIS, ARCHIE K.
 WITH LEACH, RALPH F.
 UNION CARBIDE CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH BROWN, R. MANNING, JR.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECT THRU MACNAUGHTON, DONALD S.
 BANKERS TRUST NEW YORK CORP
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH GORMAN, PAUL A.
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH PROCKNOW, DONALD E.
 CAMPBELL SOUP CO.
 DIRECTOR MURPHY, WILLIAM B.
 AND JOHNSON, BELTON K.
 WITH GORMAN, PAUL A.
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR CARTER, EDWARD W.
 WITH WASSON, E. HORNSBY
 INTERNATIONAL PAPER CO.
 DIRECTOR MURPHY, WILLIAM B.
 AND ELLINGHAUS, WILLIAM M.
 WITH PIERCE, SAMUEL RILEY, JR.
 AND GORMAN, PAUL A.
 NEW YORK TELEPHONE COMPANY
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH YUNICH, DAVID L.
 TEXACO, INC.
 DIRECT THRU MCGILL, WILLIAM J. (DR.)
 AMERICAN EXPRESS COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH ROOSA, ROBERT V.
 BANKAMERICA CORPORATION INTERLOCKS WITH LARGEST U. S. CORPORATIONS
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR DI GIORGIO, ROBERT
 WITH CARTER, EDWARD W.
 CHRYSLER CORPORATION
 DIRECTOR HALABY, NAJEEB E.
 WITH HOLLAND, JEROME HEARTWELL
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH BROWN, CHARLES L.
 SOUTHERN CALIFORNIA EDISON COMPANY
 DIRECTOR MCDANIEL, THOMAS M., JR.
 WITH CARTER, EDWARD W.
 CHASE MANHATTAN CORP.
 CHRYSLER CORPORATION
 DIRECTOR HALABY, NAJEEB E.
 WITH DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.
 CITICORP
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH SHAPIRO, IRVING S.
 STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR GRAY, JOHN R.
 WITH HAYNES, HAROLD J.

AND PIGOTT, CHARLES M.
 FORD MOTOR CO.
 DELTEC INTERNATIONAL, LTD.
 DIRECTOR DILLINGHAM, LOWELL S.
 WITH TAYLOR, A. THOMAS
 STANFORD RESEARCH INSTITUTE
 DIRECTOR CLAUSEN, A. W.
 WITH MILLER, ARJAY
 TIMES MIRROF CO.
 DIRECTOR DILLINGHAM, LOWELL S.
 WITH MURPHY, FRANKLIN D.
 MANUFACTURERS HANOVER CORPORATION
 CHRYSLER CORPORATION
 DIRECTOR HALABY, NAJEEB E.
 WITH HAUGE, GABRIEL
 AND HOLLAND, JEROME HEARTWELL
 METROPOLITAN LIFE INSURANCE COMPANY
 PACIFIC GAS AND ELECTRIC COMPANY
 DIRECTOR WENTE, KARL L.
 WITH SOLOMON, EMMETT G.
 PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR DI GIORGIO, ROBERT
 WITH SOLOMON, EMMETT G.
 PALSTON PURINA CORP.
 DIRECTOR LEWIS, DAVID SLOAN, JR.
 WITH SMILEY, DONALD B.
 UAL, INC.
 DIRECTOR BRIMMER, ANDREW F.
 WITH LUCE, CHARLES F.
 MORGAN, J. P., AND CO., INC.
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH JOHNSON, E. W.
 PALSTON PURINA CORP.
 DIRECTOR LEWIS, DAVID SLOAN, JR.
 WITH SHAPLEIGH, WARREN M.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR DI GIORGIO, ROBERT
 WITH WASSON, E. HORNSBY
 STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR GRAY, JOHN R.
 WITH WASSON, E. HORNSBY
 CHASE MANHATTAN CORP. INTERLOCKS WITH LARGEST U. S. CORPORATIONS
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 AMERICAN EXPRESS COMPANY
 DIRECTOR FURLAUD, RICHARD M.
 WITH WARNER, RAWLEIGH, JR.
 CHRYSLER CORPORATION
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM P.
 WITH HOLLAND, JEROME HEARTWELL
 CONTINENTAL CORPORATION, THE
 DIRECTOR BAPPEE, CHARLES F.
 AND LILLEY, ROBERT D.
 WITH HOLLAND, JEROME HEARTWELL
 EXXON CORPORATION
 DIRECTOR KAUFFMAN, HOWARD G.
 WITH MACNAUGHTON, DONALD S.
 FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR LAZARUS, RALPH
 WITH HOLLAND, JEROME HEARTWELL
 GENERAL FOODS CORP.
 DIRECTOR FERGUSON, JAMES L.
 WITH HOLLAND, JEROME HEARTWELL
 GENERAL MOTORS CORP.
 DIRECTOR CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 WITH CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 INTERNATIONAL PAPER CO.
 DIRECTOR PRATT, EDMUND T., JR.
 AND SMITH, J. STANFORD
 WITH MURPHY, WILLIAM B.
 AND ELLINGHAUS, WILLIAM M.
 REYNOLDS, R. J., INDUSTRIES, INC.
 DIRECTOR MACOMBER, JOHN D.
 AND MYERS, CHARLES F., JR.

WITH DAVIS, ARCHIE K.
 UNION CARBIDE CORPORATION
 DIRECTOR FERGUSON, JAMES L.
 WITH HOLLAND, JEROME HEARTWELL
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 WACHOVIA CORP.
 DIRECTOR MYERS, CHARLES F., JR.
 WITH DAVIS, ARCHIE K.
 BANKAMERICA CORPORATION
 CHRYSLER CORPORATION
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.
 WITH HALABY, NAJEEB E.
 CITICORP
 ALLIED STORES CORP.
 DIRECTOR ROEDER, GEORGE A., JR.
 WITH THOMAS, FRANKLIN A.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR EKLUND, C. G.
 WITH SHELDON, ELEANOR H. B.
 EXXON CORPORATION
 DIRECTOR KAUFFMAN, HOWARD C.
 WITH GARVIN, CLIFTON C., JR.
 AND GRAY, HARRY J.
 GENERAL ELECTRIC COMPANY
 DIRECTOR LAZARUS, RALPH
 WITH WRISTON, WALTER B.
 GENERAL MOTORS CORP.
 DIRECTOR CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR HARRIS, PATRICIA R.
 WITH HOUGHTON, AMORY, JR.
 AND SHAPIRO, IRVING S.
 MACY, R. H., AND CO., INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND LILLEY, ROBERT D.
 WITH FOURAKER, LAWRENCE E.
 MAY DEPT. STORES CO.
 DIRECTOR SHINN, RICHARD R.
 WITH HANLEY, JAMES W.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SHINN, RICHARD R.
 WITH JENKINS, GEORGE P.
 OMEGA FUND, INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 WITH GRACE, J. PETER
 SEARS, ROEBUCK AND CO.
 DIRECTOR PACE, NORMA T.
 WITH SPENCER, WILLIAM I.
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH DEBUTTS, JOHN D.
 EXXON CORPORATION
 DIRECT THRU KAUFFMAN, HOWARD C.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR EKLUND, C. G.
 WITH JAMIESON, J. K.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SHINN, RICHARD R.
 WITH PETERSON, MARTHA E.
 FORD MOTOR CO.
 BOSTON CO., INC.
 DIRECTOR VERITY, CALVIN WILLIAM, JR.
 WITH IACocca, LEE A.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR EKLUND, C. G.
 WITH WHARTON, CLIFTON R.
 HEWLETT PACKARD CORP.
 DIRECTOR HEWLETT, WILLIAM R.
 WITH BENNETT, GEORGE F.
 NORTON SIMON, INC.
 DIRECTOR SHINN, RICHARD R.

WITH MURPHY, FRANKLIN D.
 UTAH INTERNATIONAL, INC.
 DIRECTOR HEWLETT, WILLIAM R.
 WITH MILLER, ARJAY
 GENERAL MOTORS CORP.
 DIRECT THRU CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 ALLIED CHEMICAL CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH CONNOR, JOHN T.
 INTERNATIONAL PAPER CO.
 DIRECTOR PRATT, EDMUND T., JR.
 WITH SMITH, J. STANFORD
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SHINN, RICHARD R.
 WITH McLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH BRANCH, HARLEE, JR.
 AND DEBUTTS, JOHN D.
 MANUFACTURERS HANOVER CORPORATION
 ALLIED STORES CORP.
 DIRECTOR ROEDER, GEORGE A., JR.
 WITH MACIOCE, THOMAS M.
 AND MCPHERSON, RENE C.
 AMERICAN EXPRESS COMPANY
 DIRECTOR FURLAUD, RICHARD M.
 WITH HENLEY, HENRY H., JR.
 CHRYSLER CORPORATION
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.
 WITH HAUGE, GABRIEL
 AND HOLLAND, JEROME HEARTWELL
 CITIES SERVICE CO.
 DIRECTOR LILLEY, ROBERT D.
 WITH McGILLICUDDY, JOHN F.
 CONTINENTAL CORPORATION, THE
 DIRECTOR BARBER, CHARLES F.
 AND LILLEY, ROBERT D.
 WITH HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPF, GEORGE G.
 FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR LAZARUS, RALPH
 WITH HOLLAND, JEROME HEARTWELL
 GENERAL ELECTRIC COMPANY
 DIRECTOR LAZARUS, RALPH
 WITH HENLEY, HENRY H., JR.
 GENERAL FOODS CORP.
 DIRECTOR FERGUSON, JAMES L.
 WITH HOLLAND, JEROME HEARTWELL
 MACY, R. H., AND CO., INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND LILLEY, ROBERT D.
 WITH WILSON, F. PERRY
 SEARS, ROEBUCK AND CO.
 DIRECTOR PACE, NORMA T.
 WITH BEERS, WILLIAM O.
 SPERRY RAND CORP.
 DIRECTOR SHINN, RICHARD R.
 AND PACE, NORMA T.
 WITH FINLEY, JAMES D.
 UNION CARBIDE CORPORATION
 DIRECTOR FERGUSON, JAMES L.
 WITH HOLLAND, JEROME HEARTWELL
 AND WILSON, F. PERRY
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH BEERS, WILLIAM O.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECT THRU SHINN, RICHARD R.
 ALLIED CHEMICAL CORP.
 DIRECTOR CONNOR, JOHN T.
 WITH SHINN, RICHARD R.
 CELANESE CORP.
 DIRECTOR LILLEY, ROBERT D.

WITH PLACE, JOHN B. M.
 EXXON CORPORATION
 DIRECTOR KAUFFMAN, HOWARD C.
 WITH PETERSON, MARTHA E.
 GENERAL MOTORS CORP.
 DIRECTOR CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 WITH MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR HARRIS, PATRICIA R.
 WITH FUNSTON, G. KEITH
 MACY, R. H., AND CO., INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND LILLEY, ROBERT D.
 WITH SMILEY, DONALD B.
 NORTHWEST AIRLINES, INC.
 DIRECTOR BINGER, JAMES H.
 WITH LAIRD, M. R.
 OMEGA FUND, INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 WITH SMILEY, DONALD B.
 SPERRY RAND CORP.
 DIRECTOR PACE, NORMA T.
 WITH SHINN, RICHARD R.
 UNION CARBIDE CORPORATION
 DIRECTOR FERGUSON, JAMES L.
 WITH MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH SMILEY, DONALD B.
 MOBIL CORPORATION
 AMERICAN EXPRESS COMPANY
 DIRECTOR FURLAUD, RICHARD M.
 WITH CLARK, HOWARD L.
 AND WARNER, RAWLEIGH, JR.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR EKLUND, C. G.
 WITH SHELDON, ELEANOR H. B.
 GENERAL FOODS CORP.
 DIRECTOR FERGUSON, JAMES L.
 WITH TAVOULAREAS, WILLIAM P.
 AND CLARK, HOWARD L.
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 DIRECTOR HEWLETT, WILLIAM R.
 WITH BORCH, FRED J.
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 AND LILLEY, ROBERT D.
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 WITH JOHNSON, H. W.
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 DIRECTOR LAZARUS, RALPH
 WITH AUSTIN, J. PAUL
 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
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 DIRECTOR CONNOR, JOHN T.
 AND SMITH, J. STANFORD
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 EQUITABLE LIFE ASSURANCE
 DIRECTOR WHARTON, CLIFTON R.
 WITH SHELDON, ELEANOR H. B.

NCR CORP.
 DIRECTOR OELMAN, ROBERT S.
 WITH COSTANZO, G. A.

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 DIRECTOR OELMAN, ROBERT S.
 WITH GRAY, HARRY J.
 AND GARVIN, CLIFTON C., JR.

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 WITH HARNESSE, EDWARD G.

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 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.

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 WITH FALLON, WALTER A.
 AND MORGENSE, HOWARD J.
 AND PATTERSON, ELLMORE C.

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 WITH BORCH, FRED J.

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 DIRECTOR GADSDEN, HENRY W.
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 WITH PAGE, WALTER H.

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 AND DEBUTTS, JOHN D.
 WITH CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.

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 AND HOLLAND, JEROME HEARTWELL

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 WITH LINDHOLM, WILLIAM L.

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 WITH SPEER, EDGAR B.

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 AND DEBUTTS, JOHN D.
 WITH DEBUTTS, JOHN D.

AND SPEER, EDGAR B.
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 AND SIVAGE, GERALD A.
 AND MCLAUGHLIN, W. EARLE
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 AND MCLAUGHLIN, W. EARLE
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 DIPECTOR MORGENS, HOWARD J.

WITH ROOSA, ROBERT V.
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 AND ZIPF, GEORGE G.
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 AND SPEER, EDGAR B.
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 AND HOLLAND, JEROME HEARTWELL
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 AND MCPHERSON, RENE C.
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 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPF, GEORGE G.
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 AND LILLEY, ROBERT D.
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 WITH SHINN, RICHARD R.
 AND PACE, NORMA T.
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 AND WILSON, F. PERRY
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 AND MCPHERSON, RENE C.
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 AND LINDHOLM, WILLIAM L.
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 AND BEERS, WILLIAM O.
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 AND LINDHOLM, WILLIAM L.
 WITH HOUGHTON, AMORY, JR.
 AND THOMAS, FRANKLIN A.
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 WITH PALMER, EDWARD LEWIS
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 DIRECTOR BEERS, WILLIAM O.
 WITH SPENCER, WILLIAM I.
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 AND WARNER, RAWLEIGH, JR.
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 AND LINDHOLM, WILLIAM L.
 WITH WARNER, RAWLEIGH, JR.
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 DIRECTOR HOLLAND, JEROME HEARTWELL
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AND ZIFF, GEORGE G.
WITH LEACH, RALPH F.

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WITH COLLADO, EMILLIO G.

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AND DICKEY, CHARLES D., JR.
AND PRESTON, LEWIS T.

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WITH SCHROEDER, JOHN P.

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WITH SHULTZ, GEORGE P.

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WITH HOUGHTON, J. P.

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AND LINDHOLM, WILLIAM L.
WITH MACNAUGHTON, DONALD S.

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WITH BEALE, O. E.

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WITH YUNICH, DAVID L.

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 METROPOLITAN LIFE INSURANCE COMPANY INTERLOCKS WITH LARGEST U. S. CORPORATIONS
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR PLACE, JOHN B. M.
 AND FUNSTON, G. KEITH
 WITH BROWN, CHARLES L.
 AND WARNER, RAWLEIGH, JR.
 CITICORP
 DIRECTOR JENKINS, GEORGE P.
 WITH DEBUTTS, JOHN D.
 EXXON CORPORATION
 DIRECTOR PETERSON, MARTHA E.
 WITH MACNAUGHTON, DONALD S.
 FIRST WISCONSIN CORP.
 DIRECTOR PETERSON, MARTHA E.
 WITH CLEARY, CATHELINE B.
 GENERAL MOTORS CORP.
 DIRECTOR MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 WITH CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH SPEER, EDGAR B.
 SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
 DIRECTOR FAST, L. EDMUND
 WITH BROWN, CHARLES L.
 UNION CARBIDE CORPORATION
 DIRECTOR MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
 WITH HOLLAND, JEROME HEARTWELL
 UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 BANKAMERICA CORPORATION
 PACIFIC GAS AND ELECTRIC COMPANY
 DIRECTOR SOLOMON, EMMETT G.
 WITH WENTE, KARL L.
 PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR SOLOMON, EMMETT G.
 WITH DI GIORGIO, ROBERT
 FALSTON PURINA CORP.
 DIRECTOR SMILEY, DONALD B.
 WITH LEWIS, DAVID SLOAN, JR.
 UAL, INC.
 DIRECTOR LUCE, CHARLES F.
 WITH BRIMMER, ANDREW F.
 CHASE MANHATTAN CORP.
 DIRECT THRU SHINN, RICHARD R.
 ALLIED CHEMICAL CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH CONNOR, JOHN T.
 CELANESE CORP.
 DIRECTOR PLACE, JOHN B. M.
 WITH LILLEY, ROBERT D.
 EXXON CORPORATION
 DIRECTOR PETERSON, MARTHA E.
 WITH KAUFFMAN, HOWARD C.
 GENERAL MOTORS CORP.
 DIRECTOR MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 WITH CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH HARRIS, PATRICIA R.
 MACY, R. H., AND CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH DILLWORTH, J. RICHARDSON
 AND LILLEY, ROBERT D.
 NORTHWEST AIRLINES, INC.

DIRECTOR LAIRD, M. R.
 WITH BINGER, JAMES H.
 OMEGA FUND, INC.
 DIRECTOR SMILEY, DONALD B.
 WIFE DILLWORTH, J. RICHARDSON
 SPERRY RAND CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH PACE, NORMA T.
 UNION CARBIDE CORPORATION
 DIRECTOR MASON, BIPNEY, JR.
 AND SNEATH, WILLIAM S.
 WITH FERGUSON, JAMES L.
 UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WIFE MYERS, CHARLES F., JR.
 CITICORP
 DIRECT THRU JENKINS, GEORGE P.
 CORNING GLASS WORKS
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMORY, JR.
 AND PALMER, EDWARD LEWIS
 CORNING INTERNATIONAL CORP.
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMORY, JR.
 DOW CORNING CORP.
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMORY, JR.
 EASTMAN KODAK COMPANY
 DIRECTOR WALLIS, W. ALLEN
 WITH HATFIELD, ROBERT S.
 EXXON CORPORATION
 DIRECTOR PETERSON, MARTHA E.
 WITH GARVIN, CLIFTON C., JR.
 AND GRAY, HARRY J.
 GENERAL MOTORS CORP.
 DIRECTOR MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.
 GRACE, W. R., AND CO.
 DIRECTOR JENKINS, GEORGE P.
 WITH MILLIFEN, ROSE
 AND GRACE, J. PETER
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH HOUGHTON, AMORY, JR.
 AND SHAPIRO, IRVING S.
 MACY, R. H., AND CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH FOURAKER, LAWRENCE E.
 MAY DEPT. STORES CO.
 DIRECTOR SHINN, RICHARD R.
 WITH HANLEY, JAMES W.
 NATIONAL BROADCASTING CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH FOURAKER, LAWRENCE E.
 OMEGA FUND, INC.
 DIRECTOR SMILEY, DONALD B.
 WITH GRACE, J. PETER
 PROCTER AND GAMBLE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH OELMAN, ROBERT S.
 FCA CORP.
 DIRECTOR SMILEY, DONALD B.
 WITH FOURAKER, LAWRENCE E.
 UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH DEBUTTS, JOHN D.
 EXXON CORPORATION
 DIRECT THRU PETERSON, MARTHA E.
 ADELA INVESTMENT CO., S. A.
 DIRECTOR MCLAUGHLIN, W. EARLE
 WITH BENNETT, JACK F.
 CHASE MANHATTAN CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH KAUFFMAN, HOWARD C.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR PLACE, JOHN B. M.

AND FUNSTON, G. FEITH
 WITH PIERCY, GEORGE T.
 CITICORP
 DIRECTOR JENKINS, GEORGE P.
 WITH GRAY, HARRY J.
 AND GARVIN, CLIFTON C., JR.
 CRUTCHER RESOURCES CORP.
 DIRECTOR HARPER, JOHN DICKESON
 WITH JAMIESON, J. F.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH HARNESS, EDWARD G.
 FORD MOTOR CO.
 CITICORP
 DIRECTOR JENKINS, GEORGE P.
 WITH OELMAN, ROBERT S.
 CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR LUCE, CHARLES F.
 WITH HEISKELL, MARIAN S.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR HOUGHTON, J. R.
 WITH BURGESS, CARTER L.
 NORTON SIMON, INC.
 DIRECTOR SHINN, RICHARD R.
 WITH MURPHY, FRANKLIN D.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH OELMAN, ROBERT S.
 STATE STREET INVESTMENT CORP.
 DIRECTOR NICKERSON, ALBERT L.
 WITH BENNETT, GEORGE F.
 GENERAL MOTORS CORP.
 DIRECT THRU MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 ALLIED CHEMICAL CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH CONNOR, JOHN T.
 ALUMINUM COMPANY OF AMERICA
 DIRECTOR HARPER, JOHN DICKESON
 WITH MAYER, JOHN A.
 BETHLEHEM STEEL CORPORATION
 DIRECTOR JENKINS, GEORGE P.
 WITH PATTERSON, ELLMORE C.
 CHASE MANHATTAN CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 CITICORP
 DIRECTOR JENKINS, GEORGE P.
 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.
 EASTMAN KODAK COMPANY
 DIRECTOR WALLIS, W. ALLEN
 WITH FALLON, WALTER A.
 AND HATFIELD, ROBERT S.
 FEDERAL RESERVE BANK OF NEW YORK
 DIRECTOR SNEATH, WILLIAM S.
 WITH PATTERSON, ELLMORE C.
 FIRST WISCONSIN CORP.
 DIRECTOR PETERSON, MARTHA E.
 WITH CLEARY, CATHERINE B.
 MELLON NATIONAL CORPORATION
 DIRECTOR HARPER, JOHN DICKESON
 WITH MAYER, JOHN A.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR HOUGHTON, J. R.
 WITH FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH MORGENS, HOWARD J.
 STANDARD BRANDS, INC.
 DIRECTOR SIVAGE, GERALD A.
 AND MCLAUGHLIN, W. EARLE
 WITH PATTERSON, ELLMORE C.
 AND SIVAGE, GERALD A.
 AND MCLAUGHLIN, W. EARLE

UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH BRANCH, HARLEE, JR.
 AND DEBUTTS, JOHN D.

MANUFACTURERS HANOVER CORPORATION
 AMERICAN BROADCASTING COMPANIES
 DIRECTOR JENKINS, GEORGE P.
 WITH MACIOCE, THOMAS M.

CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR LUCE, CHARLES F.
 WITH BEINECKE, WILLIAM S.

GOODYEAR TIRE AND RUBBER COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH PILLIOD, CHARLES JULE, JR.

MACY, R. H., AND CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH WILSON, F. PERRY

SPERRY & HUTCHINSON CO.
 DIRECTOR HOUGHTON, J. R.
 WITH MCGILLICUDDY, JOHN F.
 AND BEINECKE, WILLIAM S.

SPERRY RAND CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH FINLEY, JAMES D.

UNION CARBIDE CORPORATION
 DIRECTOR MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
 WITH HOLLAND, JEROME HEARTWELL
 AND WILSON, F. PERRY

UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH BEERS, WILLIAM O.

MOBIL CORPORATION
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR PLACE, JOHN B. M.
 AND FUNSTON, G. KEITH
 WITH WARNER, RAWLEIGH, JR.

CITIBANK, N. A.
 DIRECTOR JENKINS, GEORGE P.
 WITH WILLIAMS, ALBERT L.

CITICORP
 DIRECTOR JENKINS, GEORGE P.
 WITH SHELTON, ELEANOR R. B.

INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH WILLIAMS, ALBERT L.

NORTH AMERICAN PHILLIPS CORP.
 DIRECTOR MASON, BIRNEY, JR.
 WITH LAPHAM, LEWIS A.

MORGAN, J. P., AND CO., INC.
 DIRECT THRU HOUGHTON, J. R.

ADELA INVESTMENT CO., S. A.
 DIRECTOR MCLAUGHLIN, W. EARLE
 WITH COLLADO, EMILLIO G.

BETHLEHEM STEEL CORPORATION
 DIRECTOR JENKINS, GEORGE P.
 WITH FOY, LEWIS W.
 AND PATTERSON, ELLMORE C.

EASTMAN KODAK COMPANY
 DIRECTOR WALLIS, W. ALLEN
 WITH FALLON, WALTER A.

FEDERAL RESERVE BANK OF NEW YORK
 DIRECTOR SNEATH, WILLIAM S.
 WITH PATTERSON, ELLMORE C.

GENERAL MOTORS CORP.
 DIRECTOR MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 WITH FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.

INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH CARY, FRANK T.

PROCTER AND GAMBLE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH MORGENS, HOWARD J.

RALSTON PURINA CORP.
 DIRECTOR SMILEY, DONALD B.

WITH SHAPLEIGH, WARREN M.
 RICH'S, INC.
 DIRECTOR EAST, L. EDMUND
 WITH AUSTIN, J. PAUL
 STANDARD BRANDS, INC.
 DIRECTOR SIVAGE, GERALD A.
 AND MCLAUGHLIN, W. EARLE
 WITH PATTERSON, ELLMORE C.
 UNION CARBIDE CORPORATION
 DIRECTOR MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
 WITH BROWN, R. MANNING, JR.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 EXXON CORPORATION
 DIRECTOR PETERSON, MARTHA E.
 WITH MACNAUGHTON, DONALD S.
 FIDELITY UNION BANCORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH DAVIS, C. MALCOLM
 MACY, R. H., AND CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH BEALE, O. E.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR HOUGHTON, J. R.
 WITH PROCKNOW, DONALD E.
 TEXAS GULF, INC.
 DIRECTOR SMILEY, DONALD B.
 AND SMILEY, DONALD B.
 WITH THOMSON, RICHARD M.
 TEXACO, INC.
 ANACONDA CO.
 DIRECTOR PLACE, JOHN B. M.
 WITH ROOSA, ROBERT V.
 MOBIL CORPORATION INTERLOCKS WITH LARGEST U. S. CORPORATIONS
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECT THRU WARNER, RAWLEIGH, JR.
 AMERICAN EXPRESS COMPANY
 DIRECTOR CLARK, HOWARD L.
 WITH WARNER, RAWLEIGH, JR.
 BANKERS TRUST NEW YORK CORP
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.
 WITH ELLINGHAUS, WILLIAM M.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH BROWN, CHARLES L.
 CITICORP
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH DEBUTTS, JOHN D.
 GENERAL FOODS CORP.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND CLARK, HOWARD L.
 WITH HOLLAND, JEROME HEARTWELL
 MARCOR INC.
 DIRECTOR DONNELL, EDWARD S.
 AND RIORDAN, JAMES QUENTIN
 AND TAVOULAREAS, WILLIAM P.
 AND TUCKER, RICHARD F.
 WITH WARNER, RAWLEIGH, JR.
 UNITED STATES TRUST COMPANY
 DIRECTOR CLARK, HOWARD L.
 WITH JOHNSON, BELTON K.
 CHASE MANHATTAN CORP.
 AMERICAN EXPRESS COMPANY
 DIRECTOR CLARK, HOWARD L.
 AND WARNER, RAWLEIGH, JR.
 WITH FURLAUD, RICHARD M.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH EKLUND, C. G.
 GENERAL FOODS CORP.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND CLARK, HOWARD L.
 WITH FERGUSON, JAMES L.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR WILLIAMS, ALBERT L.
 WITH HARRIS, PATRICIA R.
 UTAH INTERNATIONAL, INC.

DIRECTOR BORCH, FRED J.
WITH HEWLETT, WILLIAM R.

CITICORP
DIRECT THRU SHELDON, ELEANOR H. B.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DIRECTOR WARNER, RAWLEIGH, JR.
WITH DEBUTTS, JOHN D.

CHUBB CORPORATION
DIRECTOR LAPHAM, LEWIS A.
WITH WRISTON, WALTER B.

CITIBANK, N. A.
DIRECTOR WILLIAMS, ALBERT L.
WITH JENKINS, GEORGE P.

INTERNATIONAL BUSINESS MACHINES CORP.
DIRECTOR WILLIAMS, ALBERT L.
WITH HOUGHTON, AMORY, JR.
AND SHAPIRO, IRVING S.

RAND CORP.
DIRECTOR SHELDON, ELEANOR H. B.
WITH WRISTON, WALTER B.

STONE & WEBSTER, INC.
DIRECTOR CLARK, HOWARD L.
WITH GRACE, J. PETER

XEROX CORP.
DIRECTOR CLARK, HOWARD L.
WITH MCCOULOUGH, C. PETER

EXXON CORPORATION
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DIRECTOR WARNER, RAWLEIGH, JR.
WITH MACNAUGHTON, DONALD S.

CATERPILLAR TRACTOR COMPANY
DIRECTOR WARNER, RAWLEIGH, JR.
WITH FRANKLIN, WILLIAM H.

CHEMICAL NEW YORK CORPORATION
DIRECTOR WARNER, RAWLEIGH, JR.
WITH PIERCY, GEORGE T.

CITICORP
DIRECTOR SHELDON, ELEANOR H. B.
WITH GRAY, HARRY J.
AND GARVIN, CLIFTON C., JR.

EQUITABLE LIFE ASSURANCE
DIRECTOR SHELDON, ELEANOR H. B.
WITH JAMIESON, J. F.

FORD MOTOR CO.
BANKERS TRUST NEW YORK CORP
DIRECTOR TAVOULAREAS, WILLIAM P.
AND LAPHAM, LEWIS A.
WITH CULLMAN, JOSEPH F., III

CITICORP
DIRECTOR SHELDON, ELEANOR H. B.
WITH OELMAN, ROBERT S.

EQUITABLE LIFE ASSURANCE
DIRECTOR SHELDON, ELEANOR H. B.
WITH WHARTON, CLIFTON R.

TIME, INC.
DIRECTOR WARNER, RAWLEIGH, JR.
WITH HEISKELL, MARIAN S.

UTAH INTERNATIONAL, INC.
DIRECTOR BORCH, FRED J.
WITH MILLER, ARJAY

GENERAL MOTORS CORP.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DIRECTOR WARNER, RAWLEIGH, JR.
WITH CLEARY, CATHERINE B.
AND DEBUTTS, JOHN D.

CITICORP
DIRECTOR SHELDON, ELEANOR H. B.
WITH DEBUTTS, JOHN D.
AND HATFIELD, ROBERT S.

HEINZ, H. J., CO.
DIRECTOR LAPHAM, LEWIS A.
WITH MAYER, JOHN A.

MANUFACTURERS HANOVER CORPORATION
AMERICAN EXPRESS COMPANY
DIRECTOR CLARK, HOWARD L.
AND WARNER, RAWLEIGH, JR.
WITH HENLEY, HENRY H., JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR WARNER, RAWLEIGH, JR.
 WITH HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 CLUETT PEABODY AND CO., INC.
 DIRECTOR CLARK, HOWARD L.
 WITH HENLEY, HENRY H., JR.
 GENERAL FOODS CORP.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND CLARK, HOWARD L.
 WITH HOLLAND, JEROME HEARTWELL
 METROPOLITAN LIFE INSURANCE COMPANY
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH PLACE, JOHN B. M.
 AND FUNSTON, G. KEITH
 CITIBANK, N. A.
 DIRECTOR WILLIAMS, ALBERT L.
 WITH JENKINS, GEORGE P.
 CITICORP
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH JENKINS, GEORGE P.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR WILLIAMS, ALBERT L.
 WITH FUNSTON, G. KEITH
 NORTH AMERICAN PHILLIPS CORP.
 DIRECTOR LAPHAM, LEWIS A.
 WITH MASON, BIRNEY, JR.
 MORGAN, J. P., AND CO., INC.
 DOW JONES AND CO., INC.
 DIRECTOR RIORDAN, JAMES QUENTIN
 WITH AUSTIN, J. PAUL
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR WILLIAMS, ALBERT L.
 WITH CARY, FRANK T.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH MACNAUGHTON, DONALD S.
 BANKERS TRUST NEW YORK CORP
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.
 WITH GORMAN, PAUL A.
 PENNWALT CORP.
 DIRECTOR DONNELL, EDWARD S.
 WITH DAVIS, C. MALCOLM
 RAND CORP.
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH PIERCE, SAMUEL RILEY, JR.
 XEROX CORP.
 DIRECTOR CLARK, HOWARD L.
 WITH BECK, R. A.
 TEXACO, INC.
 AMERICAN EXPRESS COMPANY
 DIRECTOR CLARK, HOWARD L.
 AND WARNER, RAWLEIGH, JR.
 WITH ROOSA, ROBERT V.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH MCGILL, WILLIAM J. (DR.)
 NATIONAL BOULEVARD BANK OF CHICAGO
 DIRECTOR VAN DER EB, HENRY G.
 WITH WRIGLEY, WILLIAM
 MORGAN, J. P., AND CO., INC. INTERLOCKS WITH LARGEST U. S. CORPORATIONS
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH LINDHOLM, WILLIAM L.
 CAMPBELL SOUP CO.
 DIRECTOR DORRANCE, JOHN T., JR.
 WITH MURPHY, WILLIAM B.
 AND JOHNSON, BELTON K.
 CONTINENTAL CORPORATION, THE
 DIRECTOR LEACH, RALPH F.
 WITH HOLLAND, JEROME HEARTWELL
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR JOHNSON, H. W.
 WITH BROWN, CHARLES L.
 FEDERATED DEPARTMENT STORES, INC.

DIRECTOR JOHNSON, H. W.
 WITH HOLLAND, JEROME HEARTWELL
 GENERAL MOTORS CORP.
 DIRECTOR FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 WITH CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 DIRECTOR JOHNSON, H. W.
 WITH HANIFY, EDWARD B.
 MERCK & CO., INC.
 DIRECTOR PAGE, WALTER H.
 WITH MURPHY, WILLIAM B.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR MORGENS, HOWARD J.
 WITH SPEER, EDGAR B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECTOR PROCKNOW, DONALD E.
 WITH MACNAUGHTON, DONALD S.
 SOUTHERN RAILWAY COMPANY
 DIRECTOR LEACH, RALPH F.
 WITH DAVIS, ARCHIE K.
 UNION CARBIDE CORPORATION
 DIRECTOR BROWN, R. MANNING, JR.
 WITH HOLLAND, JEROME HEARTWELL
 BANKAMERICA CORPORATION
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR JOHNSON, H. W.
 WITH BRIMMER, ANDREW F.
 RALSTON PURINA CORP.
 DIRECTOR SHAPLEIGH, WARREN M.
 WITH LEWIS, DAVID SLOAN, JR.
 CHASE MANHATTAN CORP.
 CONTINENTAL CORPORATION, THE
 DIRECTOR LEACH, RALPH F.
 WITH BARBER, CHARLES F.
 AND LILLEY, ROBERT D.
 FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR JOHNSON, H. W.
 WITH LAZARUS, RALPH
 GENERAL ELECTRIC COMPANY
 DIRECTOR AUSTIN, J. PAUL
 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
 WITH LAZAPUS, RALPH
 GENERAL MOTORS CORP.
 DIRECTOR FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 WITH CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR CARY, FRANK T.
 WITH HARRIS, PATRICIA R.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR HOUGHTON, J. R.
 WITH SHINN, RICHARD R.
 SCOTT PAPER CO.
 DIRECTOR DICKEY, CHARLES D., JR.
 WITH LAZARUS, RALPH
 SEARS, ROEBUCK AND CO.
 DIRECTOR SHULTZ, GEORGE P.
 WITH PACE, NORMA T.
 UNION CARBIDE CORPORATION
 DIRECTOR BROWN, R. MANNING, JR.
 WITH FERGUSON, JAMES L.
 CITICORP
 AETNA LIFE AND CASUALTY COMPANY
 DIRECTOR SMITH, OLCOTT D.
 WITH GRAY, HARRY J.
 BETHLEHEM STEEL CORPORATION
 DIRECTOR FOY, LEWIS W.
 AND PATTERSON, ELLMORE C.
 WITH JENKINS, GEORGE P.
 CORNING GLASS WORKS
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMOFY, JR.

AND PALMER, EDWARD LEWIS
 CORNING INTERNATIONAL CORP.
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMORY, JR.
 DOW CORNING CORP.
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMORY, JR.
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR JOHNSON, H. W.
 WITH SHAPIRO, IRVING S.
 EASTMAN KODAK COMPANY
 DIRECTOR FALLON, WALTER A.
 WITH HATFIELD, ROBERT S.
 FORD MOTOR CO.
 DIRECTOR BURGESS, CARTER L.
 WITH OELMAN, ROBERT S.
 GENERAL ELECTRIC COMPANY
 DIRECTOR AUSTIN, J. PAUL
 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
 WITH WRISTON, WALTER B.
 GENERAL MOTORS CORP.
 DIRECTOR FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.
 INGERSOLL-RAND CO.
 DIRECTOR PROCKNOW, DONALD E.
 WITH GRACE, J. PETER
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR CARY, FRANK T.
 WITH HOUGHTON, AMORY, JR.
 AND SHAPIRO, IRVING S.
 KENNECOTT COPPER CORP.
 DIRECTOR PAGE, WALTER H.
 WITH HATFIELD, ROBERT S.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR HOUGHTON, J. R.
 WITH JENKINS, GEORGE P.
 NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR BROWN, R. MANNING, JR.
 WITH THOMAS, FRANKLIN A.
 PHELPS DODGE CORP.
 DIRECTOR SCHROEDER, JOHN P.
 WITH PALMER, EDWARD LEWIS
 PROCTER AND GAMBLE COMPANY
 DIRECTOR MORGENS, HOWARD J.
 WITH OELMAN, ROBERT S.
 SEARS, ROEBUCK AND CO.
 DIRECTOR SHULTZ, GEORGE P.
 WITH SPENCER, WILLIAM I.
 UNITED TECHNOLOGIES CORP.
 DIRECTOR SMITH, OLCOTT D.
 WITH GRAY, HARRY J.
 AND SPENCER, WILLIAM I.
 EXXON CORPORATION
 ADELA INVESTMENT CO., S. A.
 DIRECTOR COLLADO, EMILLIO G.
 WITH BENNETT, JACK F.
 AETNA LIFE AND CASUALTY COMPANY
 DIRECTOR SMITH, OLCOTT D.
 WITH GRAY, HARRY J.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR HOUGHTON, J. R.
 WITH PETERSON, MARTHA E.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR MORGENS, HOWARD J.
 WITH HARNESS, EDWARD G.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECTOR PROCKNOW, DONALD E.
 WITH MACNAUGHTON, DONALD S.
 UNITED TECHNOLOGIES CORP.
 DIRECTOR SMITH, OLCOTT D.
 WITH GRAY, HARRY J.
 FORD MOTOR CO.
 DIRECT THRU BURGESS, CARTER L.
 CAMPBELL SOUP CO.

DIRECTOR DORRANCE, JOHN T., JR.
 WITH GADSDEN, HENRY W.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 DIRECTOR JOHNSON, H. W.
 WITH BENNETT, GEORGE F.
 MERCK & CO., INC.
 DIRECTOR PAGE, WALTER H.
 WITH GADSDEN, HENRY W.
 AND HEISKELL, MARIAN S.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR MORGENS, HOWARD J.
 WITH OELMAN, ROBERT S.
 GENERAL MOTORS CORP.
 DIRECT THRU FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 ADELA INVESTMENT CO., S. A.
 DIRECTOR COLLADO, EMILLIO G.
 WITH MCLAUGHLIN, W. EARLE
 BETHLEHEM STEEL CORPORATION
 DIRECTOR FOY, LEWIS W.
 WITH PATTERSON, ELLMORE C.
 EASTMAN KODAK COMPANY
 DIRECTOR FALLON, WALTER A.
 WITH HATFIELD, ROBERT S.
 KENNECOTT COPPER CORP.
 DIRECTOR PAGE, WALTER H.
 WITH HATFIELD, ROBERT S.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR HOUGHTON, J. R.
 WITH MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 STANDARD BRANDS, INC.
 DIRECTOR PATTERSON, ELLMORE C.
 WITH SIVAGE, GERALD A.
 AND MCLAUGHLIN, W. EARLE
 MANUFACTURERS HANOVER CORPORATION
 AMF INC.
 DIRECTOR CARY, FRANK T.
 WITH MCGILICUDDY, JOHN F.
 AVON PRODUCTS, INC.
 DIRECTOR BROWN, R. MANNING, JR.
 WITH MITCHELL, DAVID W.
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH LINDHOLM, WILLIAM L.
 CONTINENTAL CORPORATION, THE
 DIRECTOR LEACH, RAIPH F.
 WITH HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIFF, GEORGE G.
 CPC INTERNATIONAL, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH PILLIOD, CHARLES JULE, JR.
 DISCOUNT CORP. OF NEW YORK
 DIRECTOR COLLADO, EMILLIO G.
 WITH HAUGE, GABRIEL
 FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR JOHNSON, H. W.
 WITH HOLLAND, JEROME HEARTWELL
 GENERAL ELECTRIC COMPANY
 DIRECTOR AUSTIN, J. PAUL
 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
 WITH HENLEY, HENRY H., JR.
 JOHNS MANVILLE CORP.
 DIRECTOR SCHROEDER, JOHN P.
 WITH MUNROE, GEORGE B.
 NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR BROWN, R. MANNING, JR.
 WITH FINLEY, JAMES D.
 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.
 PHELPS DODGE CORP.
 DIRECTOR SCHROEDER, JOHN P.
 WITH MUNROE, GEORGE B.
 SEARS, ROEBUCK AND CO.

DIRECTOR SHULTZ, GEORGE P.
 WITH BEERS, WILLIAM O.
 SPERRY & HUTCHINSON CO.
 DIRECTOR HOUGHTON, J. R.
 WITH MCGILLICUDDY, JOHN F.
 AND BEINECKE, WILLIAM S.
 STEVENS, J. P., & CO., INC.
 DIRECTOR BROWN, R. MANNING, JR.
 WITH MITCHELL, DAVID W.
 AND FINLEY, JAMES D.
 UNION CARBIDE CORPORATION
 DIRECTOR BROWN, R. MANNING, JR.
 WITH HOLLAND, JEROME HEARTWELL
 AND WILSON, F. PERRY
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECT THRU HOUGHTON, J. R.
 ADELA INVESTMENT CO., S. A.
 DIRECTOR COLLADO, EMILLIO G.
 WITH MCLAUGHLIN, W. EARLE
 BEHLEHEM STEEL CORPORATION
 DIRECTOR FOY, LEWIS W.
 AND PATTERSON, ELLMORE C.
 WITH JENKINS, GEORGE P.
 EASTMAN KODAK COMPANY
 DIRECTOR FALLON, WALTER A.
 WITH WALLIS, W. ALLEN
 FEDERAL RESERVE BANK OF NEW YORK
 DIRECTOR PATTERSON, ELLMORE C.
 WITH SNEATH, WILLIAM S.
 GENERAL MOTORS CORP.
 DIRECTOR FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 WITH MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR CARY, FRANK T.
 WITH FUNSTON, G. KEITH
 PROCTER AND GAMBLE COMPANY
 DIRECTOR MORGENS, HOWARD J.
 WITH HARPER, JOHN DICKESON
 RALSTON PURINA CORP.
 DIRECTOR SHAPLEIGH, WARREN M.
 WITH SMILEY, DONALD B.
 RICH'S, INC.
 DIRECTOR AUSTIN, J. PAUL
 WITH RAST, L. EDMUND
 STANDARD BRANDS, INC.
 DIRECTOR PATTERSON, ELLMORE C.
 WITH SIVAGE, GERALD A.
 AND MCLAUGHLIN, W. EARLE
 UNION CARBIDE CORPORATION
 DIRECTOR BROWN, R. MANNING, JR.
 WITH MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
 MOBIL CORPORATION
 DOW JONES AND CO., INC.
 DIRECTOR AUSTIN, J. PAUL
 WITH RIORDAN, JAMES QUENTIN
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR CARY, FRANK T.
 WITH WILLIAMS, ALBERT L.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECT THRU PROCKNOW, DONALD E.
 CAMPBELL SOUP CO.
 DIRECTOR DORRANCE, JOHN T., JR.
 WITH GORMAN, PAUL A.
 GENERAL ELECTRIC COMPANY
 DIRECTOR AUSTIN, J. PAUL
 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
 WITH PIERCE, SAMUEL RILEY, JR.
 TEXACO, INC.
 OWENS-CORNING FIBERGLASS CORP.
 DIRECTOR MORGENS, HOWARD J.
 WITH ROOSA, ROBERT V.
 PRUDENTIAL INSURANCE CO. OF AMERICA INTERLOCKS WITH LARGEST U. S. CORPORATIONS
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECT THRU MACNAUGHTON, DONALD S.
 BANKERS TRUST NEW YORK CORP
 DIRECTOR GORMAN, PAUL A.
 WITH ELLINGHAUS, WILLIAM M.
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH LINDHOLM, WILLIAM L.
 CAMPBELL SOUP CO.
 DIRECTOR GORMAN, PAUL A.
 WITH MURPHY, WILLIAM B.
 AND JOHNSON, BELTON R.
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR WASSON, E. HORNSBY
 WITH CARTER, EDWARD W.
 INTERNATIONAL PAPER CO.
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 AND GORMAN, PAUL A.
 WITH MURPHY, WILLIAM B.
 AND ELLINGHAUS, WILLIAM M.
 NEW YORK TELEPHONE COMPANY
 DIRECTOR YUNICH, DAVID L.
 WITH LINDHOLM, WILLIAM L.
 BANKAMERICA CORPORATION
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR WASSON, E. HORNSBY
 WITH DI GIORGIO, ROBERT
 STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR WASSON, E. HORNSBY
 WITH GRAY, JOHN R.
 CHASE MANHATTAN CORP.
 EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH KAUFFMAN, HOWARD C.
 GENERAL ELECTRIC COMPANY
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH LAZARUS, RALPH
 INTERNATIONAL BASIC ECONOMY CORP.
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH DILLWORTH, J. RICHARDSON
 INTERNATIONAL PAPER CO.
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 AND GORMAN, PAUL A.
 WITH PRATT, EDMUND T., JR.
 AND SMITH, J. STANFORD
 MACY, R. H., AND CO., INC.
 DIRECTOR BEALE, O. E.
 WITH DILLWORTH, J. RICHARDSON
 AND LILLEY, ROBERT D.
 NORTHWESTERN BELL TELEPHONE CO.
 DIRECTOR MCFARLAND, JAMES P.
 WITH BINGER, JAMES H.
 CITICORP
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH DEBUTTS, JOHN D.
 EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH GARVIN, CLIFTON C., JR.
 AND GRAY, HARRY J.
 GENERAL ELECTRIC COMPANY
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH WRISTON, WALTER B.
 INGERSOLL-RAND CO.
 DIRECTOR PROCKNOW, DONALD E.
 WITH GRACE, J. PETER
 MACY, R. H., AND CO., INC.
 DIRECTOR BEALE, O. E.
 WITH FOURAKER, LAWRENCE E.
 NEW YORK TELEPHONE COMPANY
 DIRECTOR YUNICH, DAVID L.
 WITH HOUGHTON, AMORY, JR.
 AND THOMAS, FRANKLIN A.
 RAND CORP.
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH SHELDON, ELEANOR H. B.
 AND WRISTON, WALTER B.
 STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR WASSON, E. HORNSBY

WITH HAYNES, HAROLD J.
 AND PIGOTT, CHARLES M.
 STANFORD RESEARCH INST.
 DIRECTOR WASSON, E. HORNSBY
 WITH HAYNES, HAROLD J.
 XEROX CORP.
 DIRECTOR BECK, R. A.
 WITH MCCOLOUGH, C. PETER
 EXXON CORPORATION
 DIRECT THRU MACNAUGHTON, DONALD S.
 FORD MOTOR CO.
 BANKERS TRUST NEW YORK CORP
 DIRECTOR GORMAN, PAUL A.
 WITH CULLMAN, JOSEPH F., III
 CAMPBELL SOUP CO.
 DIRECTOR GORMAN, PAUL A.
 WITH GADSDEN, HENRY W.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH BURGESS, CARTER L.
 GENERAL MOTORS CORP.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 GENERAL MILLS, INC.
 DIRECTOR MCFARLAND, JAMES P.
 WITH TERRELL, RICHARD L.
 INTERNATIONAL PAPER CO.
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 AND GORMAN, PAUL A.
 WITH SMITH, J. STANFORD
 MORGAN, J. P., AND CO., INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 MANUFACTURERS HANOVER CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH LINDHOLM, WILLIAM L.
 CPC INTERNATIONAL, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH PILLIOD, CHARLES JULE, JR.
 GENERAL ELECTRIC COMPANY
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH HENLEY, HENRY H., JR.
 MACY, R. H., AND CO., INC.
 DIRECTOR BEALE, O. E.
 WITH WILSON, F. PERRY
 NEW YORK TELEPHONE COMPANY
 DIRECTOR YUNICH, DAVID L.
 WITH HAUGE, GABRIEL
 AND LINDHOLM, WILLIAM L.
 METROPOLITAN LIFE INSURANCE COMPANY
 EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH PETERSON, MARTHA E.
 FIDELITY UNION BANCORPORATION
 DIRECTOR DAVIS, C. MALCOLM
 WITH SMILEY, DONALD B.
 MACY, R. H., AND CO., INC.
 DIRECTOR BEALE, O. E.
 WITH SMILEY, DONALD B.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH HOUGHTON, J. F.
 TEXAS GULF, INC.
 DIRECTOR THOMSON, RICHARD M.
 WITH SMILEY, DONALD B.
 AND SMILEY, DONALD B.
 MOBIL CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.

WITH WARNER, RAWLEIGH, JR.
 BANKERS TRUST NEW YORK CORP
 DIRECTOR GORMAN, PAUL A.
 WITH TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.
 PENNWALT CORP.
 DIRECTOR DAVIS, C. MALCOLM
 WITH DONNELL, EDWARD S.
 RAND CORP.
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH SHELDON, ELEANOR H. B.
 XEROX CORP.
 DIRECTOR BECK, R. A.
 WITH CLARK, HOWARD L.
 MORGAN, J. P., AND CO., INC.
 DIRECT THRU PFOCKNOW, DONALD E.
 CAMPBELL SOUP CO.
 DIRECTOR GORMAN, PAUL A.
 WITH DORRANCE, JOHN T., JR.
 GENERAL ELECTRIC COMPANY
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH AUSTIN, J. PAUL
 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
 TEXACO, INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH MCGILL, WILLIAM J. (DR.)
 TEXACO, INC. INTERLOCKS WITH LARGEST U. S. CORPORATIONS
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECT THRU MCGILL, WILLIAM J. (DR.)
 AMERICAN EXPRESS COMPANY
 DIRECTOR ROOSA, ROBERT V.
 WITH WARNER, RAWLEIGH, JR.
 CHASE MANHATTAN CORP.
 AMERICAN EXPRESS COMPANY
 DIRECTOR ROOSA, ROBERT V.
 WITH FURLAUD, RICHARD M.
 CITICORP
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MCGILL, WILLIAM J. (DR.)
 WITH DEBUTTS, JOHN D.
 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 DIRECTOR MCCALL, HOWARD W., JR.
 WITH PALMER, EDWARD LEWIS
 EXXON CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MCGILL, WILLIAM J. (DR.)
 WITH MACNAUGHTON, DONALD S.
 INMONT CORP.
 DIRECTOR MCCALL, HOWARD W., JR.
 WITH LONG, FRANKLIN A.
 FORD MOTOR CO.
 ROCKEFELLER FOUNDATION
 DIRECTOR ROOSA, ROBERT V.
 WITH WHARTON, CLIFTON F.
 GENERAL MOTORS CORP.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MCGILL, WILLIAM J. (DR.)
 WITH CLEARY, CATHELINE B.
 AND DEBUTTS, JOHN D.
 OWENS-CORNING FIBERGLASS CORP.
 DIRECTOR ROOSA, ROBERT V.
 WITH MORGENS, HOWARD J.
 MANUFACTURERS HANOVER CORPORATION
 AMERICAN EXPRESS COMPANY
 DIRECTOR ROOSA, ROBERT V.
 WITH HENLEY, HENRY H., JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MCGILL, WILLIAM J. (DR.)
 WITH HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 METROPOLITAN LIFE INSURANCE COMPANY
 ANACONDA CO.
 DIRECTOR ROOSA, ROBERT V.
 WITH PLACE, JOHN B. M.
 MOBIL CORPORATION
 AMERICAN EXPRESS COMPANY

DIRECTOR ROOSA, ROBERT V.
 WITH CLARK, HOWARD L.
 AND WARNER, RAWLEIGH, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MCGILL, WILLIAM J. (DR.)
 WITH WARNER, RAWLEIGH, JR.
 NATIONAL BOULEVARD BANK OF CHICAGO
 DIRECTOR WRIGLEY, WILLIAM
 WITH VAN DER EB, HENRY G.
 MORGAN, J. P., AND CO., INC.
 OWENS-CORNING FIBERGLASS CORP.
 DIRECTOR ROOSA, ROBERT V.
 WITH MORGENS, HOWARD J.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MCGILL, WILLIAM J. (DR.)
 WITH MACNAUGHTON, DONALD S.

ANALYSIS 2. INDIRECT INTERLOCKS AMONG MAJOR COMPETITORS IN SELECTED INDUSTRIES

Analysis 2 concerns the indirect interlocking directorate relationships among those major corporations which compete in certain large markets. The companies selected for this study were automotive manufacturers; energy corporations; telecommunication companies; retailing organizations; and commercial banking and insurance companies. These industries were chosen because they provide goods and services that impact directly upon the lifestyles of the American people. They are also bellwethers of the national economy, affecting substantially the conditions and levels of inflation and employment.

Each industry evaluation of Analysis 2 is also divided into three parts: a table showing the number of indirect interlocks between each of the competitors in the selected industry; comments on the potential anticompetitive effect of the interlocks; and a detailed computer print-out of the directors and firms involved in the indirect linkages between the companies. This study also includes, for certain industries, a description of the directorate interconnections with major suppliers and customers. However, the primary objective of the analysis is to describe the pattern of indirect linkages existing among competitors so that value judgments may be made as to the potential for concentration and anticompetitive behavior.

THE AUTOMOTIVE INDUSTRY

General Motors, Ford and Chrysler together account for over 90 percent of the automobiles produced in the United States. These manufacturers also make trucks, chassis for automotive equipment, farm equipment and a substantial amount of their own original and replacement parts. The companies have finance subsidiaries to extend retail and wholesale credit in the distribution of their products. Their policies have a profound impact on the Nation's economy and on the stability of the Nation's work force.

International Harvester has been included in the analysis because it is the only company among the majors in the study which appears to have the size, experience, and marketing potential for competing in the domestic automotive market. International Harvester also manufactures and sells trucks, chassis, farm equipment and other automotive equipment and parts, all of which are competitive with that of the "Big Three" automakers. International Harvester also competes with these companies for capital and other financial services, and for steel and other basic materials.^{33a}

How independent and competitive are these automotive companies in their determination of policies with respect to price, quality, design and innovative automotive features? This is a question which has

^{33a} American Motors was a small competitor to the "Big Three" in 1976 with 2½ percent of the U.S. market and \$992 million in assets.

been examined for years by the Antitrust Division of the Department of Justice and the Federal Trade Commission, among other agencies, but with no meaningful answer.

There is certainly no intention to answer the question in this report. Rather this study looks at the director interlocks between these automotive giants to identify those close ties which could lead to anti-competitive behavior.

Again, this is not to suggest that such behavior exists. It is only to show that the managements of these major companies are represented by directors who sit together on the boards of America's largest companies, many of which are suppliers of materials and financial services, customers, and potential competitors in the automotive industry.

TABLE 2A

AUTOMOTIVE INDUSTRY: INTERLOCKS* AMONG MAJOR COMPETITORS AND SUPPLIERS (1976)

	General Motors	Ford	Chrysler	Int. Harvester	U.S. Steel	Bethlehem	Du Pont	Goodyear
General Motors		6	12	7	18	12	8	11
Ford	6		3	0	2	3	3	4
Chrysler	12	3		2	11	0	5	3
Int. Harvester	7	0	2		2	5	1	0
U.S. Steel	18	2	11	2		4	6	6
Bethlehem	12	1	0	5	4		1	2
Du Pont	8	3	5	0	6	1		2
Goodyear	11	4	3	0	6	2	2	

* Number of direct interlocks are upper right; number of indirects are lower left. If no diagonal line appears, the number refers to indirect interlocks.

For instance, in 1976, directors of General Motors interlocked with directors of Chrysler on the boards of A.T. & T., Chase Manhattan, National Detroit Corp. (a bank holding company) and the New York Stock Exchange.

General Motors connected with Ford on the boards of Citicorp, J. P. Morgan and Procter & Gamble. In addition, GM linked with International Harvester on the boards of Eastman Kodak, Santa Fe Industries, First Chicago, International Paper, and General Mills.

The double-pronged connections between General Motors and Ford and GM and Chrysler are not all of the story. To complete the cycle, Ford was found to interlock with Chrysler on the boards of Hewlett-Packard, Utah International, and Burroughs Corp. And Chrysler linked twice with International Harvester through directors on the intermediate boards of Beatrice Foods and BankAmerica.

Such interlocks between competitors, if direct, would surely be illegal under section 8 of the Clayton Act, but being indirect, they are apparently outside the prosecution of that law. Nevertheless, given the circumstances surrounding the interlocks, and the size and nature of the major companies which provided the connections, these linkages could be violative of section 5 of the Federal Trade Commission Act. At the very least, they should justify examination by the FTC.

The master computer print-out in Appendix A reveals further information which could be relevant to an FTC inquiry. This concerns direct interlocks between GM and its customers, suppliers, and banking organizations. Again, these may not be within the prohibitions of section 8 of the Clayton Act, but they could be of sufficient consequence to constitute an unfair trade practice under section 5.

The General Motors board in 1976 included a director of both Canadian Pacific, a major customer, and Algoma Steel Co., a Canadian steel supplier. The GM board included the chairman of the board of J. P. Morgan, a major banker, who also was a director of Santa Fe Industries, another large customer, and Bethlehem Steel, the second largest American steel supplier. Also on the General Motors board was the former chairman of the Southern Co. who was a director of U.S. Steel, the Nation's largest steel supplier, and of the Aluminum Co. of America, one of the largest aluminum producers.

The chairman of A.T. & T., a major customer, was on GM's board. He was also a director of Citicorp. There were directors representing the following major companies, among others: Chemical New York, Metropolitan Life, Mellon National, First Chicago Corp., Norfolk & Western, Kennecott Copper, and American Air Lines.

The president of General Motors was a director of a leading insurance holding company, Marsh & McLennan Cos., Inc. (Marlennan

Corp.), which was the second largest stock voter in Chrysler Corp. as well as in American Broadcasting Co. and in CBS.

J. P. Morgan's board provided a central forum for inevitable discussions in the automotive field. Sitting on that board were directors of General Motors, Ford, DuPont, Bethlehem Steel, Burlington Northern, Western Electric (A.T. & T.), General Electric, Union Carbide, Santa Fe Industries, Southern Railway, United Technologies, Bechtel, Coca-Cola, Corning Glass, Dow Corning, Ingersoll-Rand, Phelps-Dodge and Owens-Corning.

Citicorp's board was likewise concentrated by directors representing companies involved in the industry. Among them were: A.T. & T., Bethlehem Steel, Boeing Co., Corning Glass, Cummins Engine, Dow Corning, DuPont, Exxon, Ford Motor, General Electric, General Motors, Ingersoll-Rand, Mobil, Pacar Inc., Phelps-Dodge, Pratt and Whitney (Canada), Southern Pacific, Standard Oil (California), Union Pacific, U.S. Steel, United Technologies and Westinghouse.

Chase Manhattan provided a common meeting ground for directors of General Motors, Chrysler, Armco Steel, Bendix, Cities Service, Exxon, Firestone Tire and Rubber, General Electric, Minnesota Mining and Manufacturing, Sperry-Rand, U.S. Steel and Union Carbide.

Visualizing these connections together at one board table presents a plethora of possibilities as to the issues which may have been discussed and the understandings which may have been reached.

Other relationships may have meaning. The National Detroit Corp., a bank holding company, has two directors on GM and two on the board of Chrysler. The National Bank of Detroit, a wholly owned subsidiary of National Detroit, is the largest stockvoter in General Motors. It also has stockholdings in both Chrysler and Ford. J. P. Morgan has a director on GM and one on Ford. A.T. & T. has two directors on GM and one director on Chrysler's board. All of these alliances provide the opportunities for communication and understanding between major competitors.

The computer print-out set forth below reveals some more intensive data with respect to the indirect board relationships between automotive industry suppliers and customers.

U.S. Steel appears to have been interlocked with Bethlehem on the boards of Citicorp and Metropolitan Life, as well as General Motors. U.S. Steel connected with Chrysler on the boards of A.T. & T., Bell Canada, Chase Manhattan, General Foods, Manufacturers Hanover and R. H. Macy. It met Ford on the boards of Citicorp and Procter & Gamble. It indirectly interlocked with General Motors through American Airlines, A.T. & T., Chase Manhattan, Citicorp, Eastman Kodak, Hiram Walker, Kraftco, Mellon National and Procter & Gamble. It reached International Harvester through Eastman Kodak and First Bank System.

Bethlehem linked with Ford on the boards of Citicorp and J. P. Morgan. It connected with General Motors on the boards of Citicorp, J. P. Morgan, Metropolitan Life and Standard Brands. Bethlehem reached International Harvester through Commonwealth Edison, Continental Illinois, DuPont and Santa Fe Industries.

Goodyear, the major tire and rubber supplier, met with directors of General Motors on the boards of Aluminum Company of America, Continental Group, First Wisconsin, Kennecott Copper, Mellon National, Metropolitan Life and Procter & Gamble. It also reached Ford on the boards of Procter & Gamble and Merck. Goodyear linked with Chrysler on the boards of Manufacturers Hanover and Deere & Co. No other tire and rubber company came close to that array of important connections.

DuPont, a major automotive paint and plastics maker, no longer directly interlocked with General Motors, as a result of prior antitrust litigation, but it continued to have powerful indirect connections with the automotive leader. Its directors met GM directors on the boards of A.T. & T., Bethlehem Steel, Citicorp and J. P. Morgan. It connected with Ford on the boards of Citicorp, John Hancock and J. P. Morgan. And it linked with Chrysler through A.T. & T., BankAmerica, Federated Department Stores and U.S. Trust.

These relationships are only the more prominent examples of concentration in the automotive industry. A computer print-out of interlocks in the automotive industry is provided below. Further analysis of the data may be obtained by referring to Appendix A and Appendix B under appropriate company names.

AUTOMOTIVE INDUSTRY INTERLOCKS

BETHLEHEM STEEL CORPORATION INTERLOCKS WITH AUTOMOTIVE INDUSTRY

DUPONT, E. I., DE NEMOURS AND CO.
DIRECT THRU MCCOY, CHARLES B.
CITICORP

DIRECTOR JENKINS, GEORGE P.
WITH SHAPIRO, IRVING S.
MORGAN, J. P., AND CO., INC.
DIRECTOR FOY, LEWIS W.
AND PATTERSON, ELLMORE C.
WITH JOHNSON, H. W.

WILMINGTON TRUST CO.
DIRECTOR MCCOY, CHARLES B.
WITH DUPONT, IRENEE, JR.
AND SHARP, HUGH P., JR.

FORD MOTOR CO.

CITICORP
DIRECTOR JENKINS, GEORGE P.
WITH OELMAN, ROBERT S.
MORGAN, J. P., AND CO., INC.
DIRECTOR FOY, LEWIS W.
AND PATTERSON, ELLMORE C.
WITH BURGESS, CARTER L.

GENERAL MOTORS CORP.

DIRECT THRU PATTERSON, ELLMORE C.
CITICORP

DIRECTOR JENKINS, GEORGE P.
WITH DEBUTTS, JOHN D.
AND HATFIELD, ROBERT S.

GIRARD CO.

DIRECTOR SMITH, RICHARD M.
WITH SULLIVAN, LEON H.
METROPOLITAN LIFE INSURANCE COMPANY
DIRECTOR JENKINS, GEORGE P.
WITH MCLAUGHLIN, W. EARLE
AND SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
DIRECTOR FOY, LEWIS W.
AND PATTERSON, ELLMORE C.
WITH FALLON, WALTER A.
AND MORGENS, HOWARD J.
AND PATTERSON, ELLMORE C.

STANDARD BRANDS, INC.

DIRECTOR PATTERSON, ELLMORE C.
WITH SIVAGE, GERALD A.
AND MCLAUGHLIN, W. EARLE

GOODYEAR TIRE AND RUBBER COMPANY

METROPOLITAN LIFE INSURANCE COMPANY
DIRECTOR JENKINS, GEORGE P.
WITH HARPER, JOHN DICKESON

TRW, INC.

DIRECTOR MCCOY, CHARLES B.
WITH METTLER, RUBEN F.

INTERNATIONAL HARVESTER COMPANY

COMMONWEALTH EDISON
DIRECTOR WRIGHT, JOSEPH S.
WITH MCCORMICK, BROOKS

CONTINENTAL ILLINOIS CORPORATION

DIRECTOR WRIGHT, JOSEPH S.
WITH ANDERSON, ROGER E.
AND POTTER, KEITH R.

DUPONT, E. I., DE NEMOURS AND CO.

DIRECTOR MCCOY, CHARLES B.
WITH BRIMMER, ANDREW F.

SANTA FE INDUSTRIES, INC.

DIRECTOR PATTERSON, ELLMORE C.
WITH RATTALIATA, JOHN T.

UNITED STATES STEEL CORPORATION

CITICORP
DIRECTOR JENKINS, GEORGE P.
WITH DEBUTTS, JOHN D.

GENERAL MOTORS CORP.

DIRECTOR PATTERSON, ELLMORE C.
WITH BRANCH, HARLEE, JR.
AND DEBUTTS, JOHN D.

METROPOLITAN LIFE INSURANCE COMPANY

DIRECTOR JENKINS, GEORGE P.
WITH SMILEY, DONALD B.

CHRYSLER CORPORATION INTERLOCKS WITH AUTOMOTIVE INDUSTRY
 DUPONT, E. I., DE NEMOURS AND CO.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH BROWN, CHARLES L.
 BANKAMERICA CORPORATION
 DIRECTOR HALABY, NAJEEB E.
 WITH BRIMMER, ANDREW F.
 DUPONT OF CANADA, LTD.
 DIRECTOR DEGRANDPRE, A. JEAN
 WITH DALLAS, JOSEPH A.
 FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH JOHNSON, H. W.
 UNITED STATES TRUST COMPANY
 DIRECTOR KILLEFER, TOM
 WITH JONES, GILBERT E.
 FORD MOTOR CO.
 BURROUGHS CORP.
 DIRECTOR MACDONALD, RAY W.
 WITH WHARTON, CLIFTON R.
 HEWLETT PACKARD CORP.
 DIRECTOR HEWLETT, WILLIAM R.
 WITH BENNETT, GEORGE F.
 UTAH INTERNATIONAL, INC.
 DIRECTOR HEWLETT, WILLIAM R.
 WITH MILLER, ARJAY
 GENERAL MOTORS CORP.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 CHASE MANHATTAN CORP.
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.
 WITH CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 NATIONAL BANK OF DETROIT
 DIRECTOR SEMPLE, ROBERT B.
 WITH FISCHER, CHARLES T., III
 NATIONAL DETROIT CORPORATION
 DIRECTOR GRIFFITHS, MARTHA W.
 AND SEMPLE, ROBERT B.
 WITH FISCHER, CHARLES T., III
 AND GERSTENBERG, RICHARD C.
 NEW YORK STOCK EXCHANGE
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH ROCHE, JAMES M.
 GOODYEAR TIRE AND RUBBER COMPANY
 DEERE & CO.
 DIRECTOR FLEMING, ROBEN W.
 WITH SMITH, LLOYD B.
 MANUFACTURERS HANOVER CORPORATION
 DIRECTOR HAUGE, GABRIEL
 AND HOLLAND, JEROME HEARTWELL
 WITH PILLIOD, CHARLES JULE, JR.
 INTERNATIONAL HARVESTER COMPANY
 BANKAMERICA CORPORATION
 DIRECTOR HALABY, NAJEEB E.
 WITH BRIMMER, ANDREW F.
 BEATRICE FOODS CO.
 DIRECTOR COLEMAN, JOHN H.
 WITH VOSS, OMER G.
 UNITED STATES STEEL CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 BELL CANADA
 DIRECTOR DEGRANDPRE, A. JEAN
 WITH SCRIVENER, ROBERT CARLTON
 CHASE MANHATTAN CORP.
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.
 WITH MYERS, CHARLES F., JR.
 GENERAL FOODS CORP.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH MARTIN, WILLIAM MCCHESENEY, JR.
 MACY, R. H., AND CO., INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 WITH SMILEY, DONALD B.
 MANUFACTURERS HANOVER CORPORATION
 DIRECTOR HAUGE, GABRIEL
 AND HOLLAND, JEROME HEARTWELL
 WITH BEERS, WILLIAM O.
 NORTHERN TELECOM LIMITED
 DIRECTOR DEGRANDPRE, A. JEAN
 WITH SCRIVENER, ROBERT CARLTON
 OMEGA FUND, INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 WITH SMILEY, DONALD B.

DUPONT, E. I., DE NEMOURS AND CO. INTERLOCKS WITH AUTOMOTIVE INDUSTRY
 BETHLEHEM STEEL CORPORATION
 DIRECT THRU MCCOY, CHARLES B.
 CITICORP
 DIRECTOR SHAPIRO, IRVING S.
 WITH JENKINS, GEORGE P.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR JOHNSON, H. W.
 WITH FOY, LEWIS W.
 AND PATTERSON, ELLMORE C.
 WILMINGTON TRUST CO.
 DIRECTOR DUPONT, IRENEE, JR.
 AND SHARP, HUGH R., JR.
 WITH MCCOY, CHARLES B.
 CHRYSLER CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR BROWN, CHARLES L.
 WITH HOLLAND, JEROME HEARTWELL
 BANKAMERICA CORPORATION
 DIRECTOR BRIMMER, ANDREW F.
 WITH HALABY, NAJEEB E.
 DUPONT OF CANADA, LTD.
 DIRECTOR DALLAS, JOSEPH A.
 WITH DEGRANDPRE, A. JEAN
 FEDEPATED DEPARTMENT STORES, INC.
 DIRECTOR JOHNSON, H. W.
 WITH HOLLAND, JEROME HEARTWELL
 UNITED STATES TRUST COMPANY
 DIRECTOR JONES, GILBERT E.
 WITH KILLEFER, TOM
 FORD MOTOR CO.
 CITICORP
 DIRECTOR SHAPIRO, IRVING S.
 WITH OELMAN, ROBERT S.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 DIRECTOR JOHNSON, H. W.
 WITH BENNETT, GEORGE F.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR JOHNSON, H. W.
 WITH BURGESS, CARTER L.
 GENERAL MOTORS CORP.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR BROWN, CHARLES L.
 WITH CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
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 DIRECTOR MCCOY, CHARLES B.
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 AND HATFIELD, ROBERT S.
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 DIRECTOR JOHNSON, H. W.
 WITH FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 GOODYEAR TIRE AND RUBBER COMPANY
 CHAMPION INTERNATIONAL CORP.
 DIRECTOR JOHNSON, H. W.
 WITH GERSTENMAIER, JOHN H.
 TRW, INC.
 DIRECTOR MCCOY, CHARLES B.
 WITH METTLER, RUBEN F.
 INTERNATIONAL HARVESTER COMPANY
 DIRECT THRU BRIMMER, ANDREW F.
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 DIRECTOR BROWN, CHARLES L.
 WITH DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
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 DIRECTOR BROWN, CHARLES L.
 WITH WALKER, WILBERT A.
 CITICORP
 DIRECTOR SHAPIRO, IRVING S.
 WITH DEBUTTS, JOHN D.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR SHAPIRO, IRVING S.
 AND JONES, GILBERT E.
 WITH MARTIN, WILLIAM MCCHESENEY, JR.

FORD MOTOR CO. INTERLOCKS WITH AUTOMOTIVE INDUSTRY
BETHLEHEM STEEL CORPORATION

CITICORP
DIRECTOR OELMAN, ROBERT S.
WITH JENKINS, GEORGE P.
MORGAN, J. P., AND CO., INC.
DIRECTOR BURGESS, CARTER L.
WITH FOY, LEWIS W.
AND PATTERSON, ELLMORE C.

CHRYSLER CORPORATION
BURROUGHS CORP.
DIRECTOR WHARTON, CLIFTON R.
WITH MACDONALD, RAY W.

HEWLETT PACKARD CORP.
DIRECTOR BENNETT, GEORGE F.
WITH HEWLETT, WILLIAM R.

UTAH INTERNATIONAL, INC.
DIRECTOR MILLER, ARJAY
WITH HEWLETT, WILLIAM R.

DUPONT, E. I., DE NEMOURS AND CO.
CITICORP
DIRECTOR OELMAN, ROBERT S.
WITH SHAPIRO, IRVING S.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
DIRECTOR BENNETT, GEORGE F.
WITH JOHNSON, H. W.

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DIRECTOR BURGESS, CARTER L.
WITH JOHNSON, H. W.

GENERAL MOTORS CORP.
CITICORP
DIRECTOR OELMAN, ROBERT S.
WITH DEBUTTS, JOHN D.
AND HATFIELD, ROBERT S.

MORGAN, J. P., AND CO., INC.
DIRECTOR BURGESS, CARTER L.
WITH FALLON, WALTER A.
AND MORGENS, HOWARD J.
AND PATTERSON, ELLMORE C.

PROCTER AND GAMBLE COMPANY
DIRECTOR OELMAN, ROBERT S.
WITH MORGENS, HOWARD J.

GOODYEAR TIRE AND RUBBER COMPANY
MERCK & CO., INC.
DIRECTOR GADSDEN, HENRY W.
AND HEISKELL, MARTIN S.

WITH METTLER, RUBEN F.

PROCTER AND GAMBLE COMPANY
DIRECTOR OELMAN, ROBERT S.
WITH GEIR, PHILLIP O., JR.
AND HARPER, JOHN DICKESON

UNITED STATES STEEL CORPORATION
CITICORP
DIRECTOR OELMAN, ROBERT S.
WITH DEBUTTS, JOHN D.

PROCTER AND GAMBLE COMPANY
DIRECTOR OELMAN, ROBERT S.
WITH SPEER, EDGAR B.

GENERAL MOTORS CORP. INTERLOCKS WITH AUTOMOTIVE INDUSTRY

BETHLEHEM STEEL CORPORATION

DIRECT THRU PATTERSON, ELLMORE C.

CITICORP

DIRECTOR DEBUTTS, JOHN D.

AND HATFIELD, ROBERT S.

WITH JENKINS, GEORGE P.

GIRARD CO.

DIRECTOR SULLIVAN, LEON H.

WITH SMITH, RICHARD M.

METROPOLITAN LIFE INSURANCE COMPANY

DIRECTOR MCLAUGHLIN, W. EARLE

AND SIVAGE, GERALD A.

WITH JENKINS, GEORGE P.

MORGAN, J. P., AND CO., INC.

DIRECTOR FALLON, WALTER A.

AND MORGENS, HOWARD J.

AND PATTERSON, ELLMORE C.

WITH FOY, LEWIS W.

AND PATTERSON, ELLMORE C.

STANDARD BRANDS, INC.

DIRECTOR SIVAGE, GERALD A.

AND MCLAUGHLIN, W. EARLE

WITH PATTERSON, ELLMORE C.

CHRYSLER CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR CLEARY, CATHERINE B.

AND DEBUTTS, JOHN D.

WITH HOLLAND, JEROME HEARTWELL

CHASE MANHATTAN CORP.

DIRECTOR CONNOR, JOHN T.

AND SMITH, J. STANFORD

WITH DILLWORTH, J. RICHARDSON

AND HEWLETT, WILLIAM R.

NATIONAL BANK OF DETROIT

DIRECTOR FISCHER, CHARLES T., III

WITH SEMPLE, ROBERT B.

NATIONAL DETROIT CORPORATION

DIRECTOR FISCHER, CHARLES T., III

AND GERSTENBERG, RICHARD C.

WITH GRIFFITHS, MATHA W.

AND SEMPLE, ROBERT B.

NEW YORK STOCK EXCHANGE

DIRECTOR ROCHE, JAMES M.

WITH HOLLAND, JEROME HEARTWELL

DUPONT, E. I., DE NEMOURS AND CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR CLEARY, CATHERINE B.

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WITH MCCOY, CHARLES B.

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AND PATTERSON, ELLMORE C.

WITH JOHNSON, H. W.

FORD MOTOR CO.

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WITH OELMAN, ROBERT S.

MORGAN, J. P., AND CO., INC.

DIRECTOR FALLON, WALTER A.

AND MORGENS, HOWARD J.

AND PATTERSON, ELLMORE C.

WITH BUGGESS, CARTER L.

PROCTER AND GAMBLE COMPANY

DIRECTOR MORGENS, HOWARD J.

WITH OELMAN, ROBERT S.

GOODYEAR TIRE AND RUBBER COMPANY

ALUMINUM COMPANY OF AMERICA

DIRECTOR MAYER, JOHN A.

WITH HARPER, JOHN DICKESON

CONTINENTAL GROUP, INC.

DIRECTOR HATFIELD, ROBERT S.

WITH DEYOUNG, RUSSELL

AND HAZARD, ELLISON L.

AND SMITH, LLOYD B.

FIRST WISCONSIN CORP.

DIRECTOR CLEARY, CATHERINE B.

WITH SMITH, LLOYD B.

KENNECOTT COPPER CORP.

DIRECTOR HATFIELD, ROBERT S.

WITH DEYOUNG, RUSSELL

MELLON NATIONAL CORPORATION

DIRECTOR MAYER, JOHN A.

WITH HARPER, JOHN DICKESON

METROPOLITAN LIFE INSURANCE COMPANY

DIRECTOR MCLAUGHLIN, W. EARLE

AND SIVAGE, GERALD A.

WITH HARPER, JOHN DICKESON
 PROCTER AND GAMBLE COMPANY
 DIRECTOR MORGENS, HOWARD J.
 WITH GEIR, PHILLIP O., JR.
 AND HARPER, JOHN DICKESON
 INTERNATIONAL HARVESTER COMPANY
 EASTMAN KODAK COMPANY
 DIRECTOR FALLON, WALTER A.
 AND HATFIELD, ROBERT S.
 WITH ANDERSON, ROGER E.
 FIRST CHICAGO CORPORATION
 DIRECTOR SIVAGE, GERALD A.
 WITH MCCORMICK, BROOKS
 AND MENK, LOUIS W.
 GENERAL MILLS, INC.
 DIRECTOR TERRELL, RICHARD L.
 WITH MENK, LOUIS W.
 INTERNATIONAL PAPER CO.
 DIRECTOR SMITH, J. STANFORD
 WITH HANSEN, ARTHUR GENE
 SANTA FE INDUSTRIES, INC.
 DIRECTOR PATTEPSON, ELLMORE C.
 WITH RATTALIATA, JOHN T.
 UNITED STATES STEEL CORPORATION
 DIRECT THRU BRANCH, HARLEE, JR.
 AND DEBUTTS, JOHN D.
 AMERICAN AIR LINES, INC.
 DIRECTOR FISCHER, CHARLES T., III
 WITH BEERS, WILLIAM O.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 WITH DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 CHASE MANHATTAN CORP.
 DIRECTOR CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 WITH MYERS, CHARLES F., JR.
 CITICORP
 DIRECTOR HATFIELD, ROBERT S.
 WITH DEBUTTS, JOHN D.
 EASTMAN KODAK COMPANY
 DIRECTOR FALLON, WALTER A.
 AND HATFIELD, ROBERT S.
 WITH MEYER, JOHN M., JR.
 HIRAM-WALKER-GOODERHAM & WARTS, LTD.
 DIRECTOR FISCHER, CHARLES T., III
 WITH SCRIVENER, ROBERT CARLTON
 FPAFTCO CORP.
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.
 WITH BEERS, WILLIAM O.
 AND DEBUTTS, JOHN D.
 MARSH & MCLENNAN COMPANIES, INC.
 DIRECTOR GERSTENBERG, RICHARD C.
 WITH WALKER, WILBERT A.
 MELLON NATIONAL CORPORATION
 DIRECTOR MAYER, JOHN A.
 WITH GOTT, EDWIN H.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 WITH SMILEY, DONALD B.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR MORGENS, HOWARD J.
 WITH SPEER, EDGAR B.

GOODYEAR TIRE AND RUBBER COMPANY INTERLOCKS WITH AUTOMOTIVE INDUSTRY
 BETHLEHEM STEEL CORPORATION
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR HARPER; JOHN DICKESON
 WITH JENKINS, GEORGE P.
 TRW, INC.
 DIRECTOR METTLER, RUBEN F.
 WITH MCCOY, CHARLES B.
 CHRYSLER CORPORATION
 DEERE & CO.
 DIRECTOR SMITH, LLOYD B.
 WITH FLEMING, ROBBEN W.
 MANUFACTURERS HANOVER CORPORATION
 DIRECTOR PILLIOD, CHARLES JULE, JR.
 WITH HAUGE, GABRIEL
 AND HOLLAND, JEROME HEARTWELL
 DUPONT, E. I., DE NEMOURS AND CO.
 CHAMPION INTERNATIONAL CORP.
 DIRECTOR GERSTENMAIER, JOHN H.
 WITH JOHNSON, H. W.
 TRW, INC.
 DIRECTOR METTLER, RUBEN F.
 WITH MCCOY, CHARLES B.
 FORD MOTOR CO.
 MERCK & CO., INC.
 DIRECTOR METTLER, RUBEN F.
 WITH GADSDEN, HENRY W.
 AND HEISKELL, MAFIAN S.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR GEIR, PHILLIP O., JR.
 AND HARPER, JOHN DICKESON
 WITH OELMAN, ROBERT S.
 GENERAL MOTORS CORP.
 ALUMINUM COMPANY OF AMERICA
 DIRECTOR HARPER, JOHN DICKESON
 WITH MAYER, JOHN A.
 CONTINENTAL GROUP, INC.
 DIRECTOR DEYOUNG, RUSSELL
 AND HAZARD, ELLISON L.
 AND SMITH, LLOYD B.
 WITH HATFIELD, ROBERT S.
 FIRST WISCONSIN CORP.
 DIRECTOR SMITH, LLOYD B.
 WITH CLEARY, CATHEFINE B.
 KENNECOTT COPPER CORP.
 DIRECTOR DEYOUNG, RUSSELL
 WITH HATFIELD, ROBERT S.
 MELLON NATIONAL CORPORATION
 DIRECTOR HARPER, JOHN DICKESON
 WITH MAYER, JOHN A.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH MCLAUGHLIN, W. EAPLE
 AND SIVAGE, GERALD A.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR GEIR, PHILLIP O., JR.
 AND HARPER, JOHN DICKESON
 WITH MORGENS, HOWARD J.
 UNITED STATES STEEL CORPORATION
 MANUFACTURERS HANOVER CORPORATION
 DIRECTOR PILLIOD, CHARLES JULE, JR.
 WITH BEERS, WILLIAM O.
 MELLON NATIONAL CORPORATION
 DIRECTOR HARPER, JOHN DICKESON
 WITH GOTT, EDWIN H.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH SMILEY, DONALD B.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR GEIR, PHILLIP O., JR.
 AND HARPER, JOHN DICKESON
 WITH SPEER, EDGAR B.
 SMITH, A. O., CORP.
 DIRECTOR SMITH, LLOYD B.
 WITH BEERS, WILLIAM O.

INTERNATIONAL HARVESTER COMPANY INTERLOCKS WITH AUTOMOTIVE INDUSTRY
 BETHLEHEM STEEL CORPORATION
 COMMONWEALTH EDISON
 DIRECTOR MCCORMICK, BROOKS
 WITH WRIGHT, JOSEPH S.
 CONTINENTAL ILLINOIS CORPORATION
 DIRECTOR ANDERSON, ROGER E.
 AND POTTER, KEITH R.
 WITH WRIGHT, JOSEPH S.
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH MCCOY, CHARLES B.
 SANTA FE INDUSTRIES, INC.
 DIRECTOR RATTALIATA, JOHN T.
 WITH PATTERSON, ELLMORE C.
 CHRYSLER CORPORATION
 BANKAMERICA CORPORATION
 DIRECTOR BRIMMER, ANDREW F.
 WITH HALABY, NAJEEB E.
 BEATRICE FOODS CO.
 DIRECTOR VOSS, OMER G.
 WITH COLEMAN, JOHN H.
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECT THRU BRIMMER, ANDREW F.
 GENERAL MOTORS CORP.
 EASTMAN KODAK COMPANY
 DIRECTOR ANDERSON, ROGER E.
 WITH FALLON, WALTER A.
 AND HATFIELD, ROBERT S.
 FIRST CHICAGO CORPORATION
 DIRECTOR MCCORMICK, BROOKS
 AND MENK, LOUIS W.
 WITH SIVAGE, GERALD A.
 GENERAL MILLS, INC.
 DIRECTOR MENK, LOUIS W.
 WITH TERRELL, RICHARD L.
 INTERNATIONAL PAPER CO.
 DIRECTOR HANSEN, ARTHUR GENE
 WITH SMITH, J. STANFORD
 SANTA FE INDUSTRIES, INC.
 DIRECTOR RATTALIATA, JOHN T.
 WITH PATTERSON, ELLMORE C.
 UNITED STATES STEEL CORPORATION
 EASTMAN KODAK COMPANY
 DIRECTOR ANDERSON, ROGER E.
 WITH MEYER, JOHN M., JR.
 FIRST BANK SYSTEM, INC.
 DIRECTOR MENK, LOUIS W.
 WITH HERZOG, RAYMOND H.

UNITED STATES STEEL CORPORATION INTERLOCKS WITH AUTOMOTIVE INDUSTRY
 BETHLEHEM STEEL CORPORATION
 CITICORP
 DIRECTOR DEBUTTS, JOHN D.
 WITH JENKINS, GEORGE P.
 GENERAL MOTORS CORP.
 DIRECTOR BRANCH, HARLEE, JR.
 AND DEBUTTS, JOHN D.
 WITH PATTERSON, ELLMORE C.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SMILEY, DONALD B.
 WITH JENKINS, GEORGE P.
 CHRYSLER CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR DEBUTTS, JOHN D.
 AND SPEER, EDGAR B.
 WITH HOLLAND, JEROME HEARTWELL
 BELL CANADA
 DIRECTOR SCRIVENER, ROBERT CARLTON
 WITH DEGRANDPRE, A. JEAN
 CHASE MANHATTAN CORP.
 DIRECTOR MYERS, CHARLES F., JR.
 WITH DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.
 GENERAL FOODS CORP.
 DIRECTOR MARTIN, WILLIAM MCCHESENEY, JR.
 WITH HOLLAND, JEROME HEARTWELL
 MACY, R. H., AND CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH DILLWORTH, J. RICHARDSON
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 DIRECTOR WALKER, WILBERT A.
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 DIRECTOR DEBUTTS, JOHN D.
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 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR MARTIN, WILLIAM MCCHESENEY, JR.
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 AND DEBUTTS, JOHN D.
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 DIRECTOR WALKER, WILBERT A.
 WITH GERSTENBERG, RICHARD C.
 MELLON NATIONAL CORPORATION

DIRECTOR GOTT, EDWIN H.
 WITH MAYER, JOHN A.
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 AND SIVAGE, GERALD A.
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 WITH GEIR, PHILLIP O., JR.
 AND HARPER, JOHN DICKESON
 SMITH, A. O., CORP.
 DIRECTOR BEERS, WILLIAM O.
 WITH SMITH, LLOYD B.
 INTERNATIONAL HARVESTER COMPANY
 EASTMAN KODAK COMPANY
 DIRECTOR MEYER, JOHN M., JR.
 WITH ANDERSON, ROGER E.
 FIRST BANK SYSTEM, INC.
 DIRECTOR HERZOG, RAYMOND H.
 WITH MENK, LOUIS W.

THE ENERGY INDUSTRY

For a number of years, eight large energy companies had been involved independently and through joint ventures in providing the United States with much of its energy. Formerly, it was just oil and gas, now their product is a total energy package including coal, nuclear, geothermal, and solar. The combined assets of just these 8 firms were equal to over 10 percent of the total assets of the major companies in the study.^{33b}

Hardly a business or population area in this country does not depend in some part on the production and distribution of energy supplies of these corporate giants. A 1976 staff report of the Senate Special Subcommittee on Integrated Oil Operations has suggested that the production of consumer goods such as automobiles, television sets, household appliances, and other energy-consuming products and services are inextricably linked to the growth of energy consumption and the organization of the energy industry.³⁴ Thus, it follows that where such industry organization affects the pricing and production of energy and energy-using appliances and equipment, the energy industry must necessarily influence the structure and behavior of the U.S. economy itself.

As part of any study of concentration in the structure of the energy industry, a look at the directorate affiliations of its major companies should be one of the first orders of business. From Table 2B (p. 92) it appears that three of the largest energy companies had indirect interlocks with most of their major competitors. As in the case of General Motors among its automotive competitors, such linkages are not per se illegal, but under certain circumstances, they might be violations of section 5 of the Federal Trade Commission Act. The staff understands that the FTC is presently looking into such a possibility as part of its larger investigation of the energy industry.

As shown in Table 2B, the Nation's largest energy company, Exxon, indirectly interlocked with its leading competitors as follows: Atlantic Richfield (4 times); Mobil (6 times); Shell (once); Standard of California (6 times); Standard of Indiana (twice); and Texaco (twice).

The second largest energy company, Mobil, similarly connected with its sister competitors: Exxon (6 times); Atlantic Richfield (3 times); Shell (3 times); Standard of California (3 times); Standard of Indiana (3 times); and Texaco (4 times).

Texaco, the number 3 company, linked with Exxon twice; Atlantic Richfield twice; and Mobil 4 times.

Atlantic Richfield also interlocked with all 6 competitors: Exxon (4 times); Mobil (3 times); Shell (once); Standard of California (twice); Standard of Indiana (5 times) and Texaco (twice).

^{33b} The eight largest U.S. energy companies in 1976 were: Exxon, Texaco, Mobil, Standard (California), Gulf, Standard (Indiana), Shell, and Atlantic Richfield. Gulf Oil Corp. was not included in the analysis here because it was reported to have no direct or indirect interlocks with the major energy companies, with one exception: Shell (one indirect interlock). Gulf had 2 direct and 11 indirect interlocks with Mellon National; 5 indirects with General Motors; 5 indirects with Metropolitan Life; and 4 indirects with United States Steel. Mellon Bank (100 percent owned by Mellon National) and the Mellon family held a 14.6 percent voting interest in Gulf.

³⁴ Senate Committee on Interior and Insular Affairs, Special Subcommittee on Integrated Oil Operations, "The Structure of the U.S. Petroleum Industry", 94th Congress, 2d Sess., Comm. print, 1976, pp. 3-4.

TABLE 2B

ENERGY INDUSTRY: INDIRECT INTERLOCKS AMONG MAJOR COMPETITORS (1976)

	Atlantic	Exxon	Mobil	Shell	Standard (Cal)	Standard (Ind)	Texaco
Atlantic Richfield		4	3	1	2	5	2
Exxon	4		6	1	6	2	2
Mobil	3	6		3	3	3	4
Shell	1	1	3		1	0	0
Standard (Cal)	2	6	3	1		0	0
Standard (Ind)	5	2	3	0	0		0
Texaco	2	2	4	0	0	0	

The directorate linkages among these giant energy firms appear all the more serious when viewed in the context of where their directors met.

For example, Exxon had two directors—one its chairman—sitting on the board of Citicorp, alongside directors of Mobil and Standard of California. Other energy related companies on the Citicorp board were Halliburton (Brown & Root), Texas Eastern Transmission, General Electric, Stone and Webster and Westinghouse. Major energy users on that board were General Motors, Ford, Monsanto, DuPont, Union Pacific, Southern Pacific and U.S. Steel. Major communications firms represented were A.T. & T., IBM and RCA.³⁵

Exxon directors met directors of Mobil, Atlantic Richfield and Standard of Indiana on the board of Chemical New York. Other energy companies on that board were Amerada Hess and Aramco. A member of an advisory committee to the Chemical board was also a director of Texaco. Other energy-related companies on the Chemical board were General Electric, Westinghouse, A.T. & T. and IBM.

Exxon interlocked with Mobil and Texaco on the board of A.T. & T. Also on that board was a director of Continental Oil. Major energy users represented included General Motors, Chrysler, DuPont, Southern California Edison, Southern Railway, Union Carbide and U.S. Steel.

Exxon linked with directors of Standard of Indiana, Utah International, Allied Chemical and Cities Service on the board of Chase Manhattan. Also represented there were Rockefeller Family Associates, General Motors, Chrysler, IBM, Bendix, and U.S. Steel. Exxon also connected with Atlantic Richfield and Phillips Petroleum on the board of Metropolitan Life.

Exxon indirectly interlocked with Mobil on the board of Equitable Life. Represented on the Equitable board were Continental Oil, Chase Manhattan, Ford, and Citicorp.

However, the corporate board that provided the broadest opportunity for a summit discussion on energy was not a financial institution, but a heavy machinery manufacturer. Caterpillar Tractor's board included directors from Exxon, Mobil, Shell, Standard of California and Atlantic Richfield—five of the seven major energy companies in the analysis. Chemical New York—where four majors met—was also directly interlocked with Caterpillar. Similarly, A.T. & T., IBM and United States Steel were on the machinery manufacturer's board. This is perhaps the most extreme example of industry concentration on one company's board of directors found in the study.

Other energy companies also related to each other. Mobil met Shell on the board of General Foods. Mobil connected with Texaco on the board of American Express, and with Atlantic Richfield through Time, Inc. Shell interlocked with Gulf Oil on the board of Ampex Corp., and Standard of California met Atlantic Richfield on the board of Carter Hale Hawley Stores. Standard of Indiana interlocked with Mobil on the boards of Eli Lilly and Bell & Howell.

³⁵ See Analysis 4 for list of companies directly represented on the board of Citicorp, at page 219.

Mobil's own board of directors is of special interest since it included the former chairman of General Electric who was also a director of Utah International (uranium); a director of Stone & Webster; two directors of American Express Co. (including Mobil's chairman); a director of A.T. & T. (Mobil's chairman again); one director of Citicorp and one of Citibank; the chairman of the Finance Committee of IBM, and the former chairman of Bankers Trust.

Two other possible elements of concentration in the energy field are common use of accounting firms and investment bankers by big energy companies. Exxon's chief auditor is Price, Waterhouse & Co., which also audits Royal Dutch Petroleum, Standard Oil of California, Gulf Oil, Standard of Indiana and Shell, as well as Caterpillar Tractor referred to above. Exxon's lead investment banker is Morgan Stanley, which is also the principal investment banker for Mobil, Standard of Indiana, Texaco, and Shell.

The above described interlocks raise fundamental questions. To what extent do these extraordinary corporate linkages provide a mechanism for stabilizing prices, controlling supply, and restraining competition? What is the effect of major energy company interlocks on industry attempts to influence Government policies? What is the impact of the energy companies' potential boardroom powers to influence decisions on the kinds of energy-consuming products and services marketed by major companies with whom they interlock?

These are factual questions for examination beyond the scope of this study. They are questions which have yet to be answered.

A computer print-out of the energy company interlocks appears below.

ENERGY INDUSTRY INTERLOCKS

ATLANTIC RICHFIELD COMPANY INTERLOCKS WITH ENERGY CORPORATIONS
EXXON CORPORATION

CATERPILLAR TRACTOR COMPANY
DIRECTOR INGERSOLL, ROBERT S.
WITH FRANKLIN, WILLIAM H.
CHEMICAL NEW YORK CORPORATION
DIRECTOR PLACE, JOHN B. M.
WITH PIERCY, GEORGE T.
METROPOLITAN LIFE INSURANCE COMPANY
DIRECTOR PLACE, JOHN B. M.
WITH PETERSON, MARTHA E.
PEPSICO INC.
DIRECTOR KENDALL, DONALD M.
WITH GARVIN, CLIFTON C., JR.

MOBIL CORPORATION

CATERPILLAR TRACTOR COMPANY
DIRECTOR INGERSOLL, ROBERT S.
WITH WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
DIRECTOR PLACE, JOHN B. M.
WITH WARNER, RAWLEIGH, JR.
TIME, INC.
DIRECTOR FREEMAN, GAYLORD
WITH WARNER, RAWLEIGH, JR.

SHELL OIL COMPANY

CATERPILLAR TRACTOR COMPANY
DIRECTOR INGERSOLL, ROBERT S.
WITH BLACKIE, WILLIAM

STANDARD OIL COMPANY OF CALIFORNIA

CARTER HAWLEY HALE STORES, INC.
DIRECTOR HAWLEY, PHILLIP M.
WITH WASSON, E. HORNSBY

CATERPILLAR TRACTOR COMPANY
DIRECTOR INGERSOLL, ROBERT S.
WITH PACKARD, DAVID

STANDARD OIL COMPANY OF INDIANA

CENTRAL AND SOUTHWEST CORPORATION
DIRECTOR WILSON, KENDRICK R., JR.
WITH RASMUSSEN, ARTHUR E.

CHEMICAL NEW YORK CORPORATION
DIRECTOR PLACE, JOHN B. M.
WITH WOOD, RICHARD D.

FIRST CHICAGO CORPORATION

DIRECTOR ANDERSON, ROBERT O.
AND FREEMAN, GAYLORD
AND INGERSOLL, ROBERT S.
WITH ABBOD, ROBERT A.

TEXACO, INC.

ANACONDA CO.
DIRECTOR DOWNER, JOSEPH P.
AND PLACE, JOHN B. M.
WITH ROOSA, ROBERT V.

EXXON CORPORATION INTERLOCKS WITH ENERGY CORPORATIONS

ATLANTIC RICHFIELD COMPANY

CATERPILLAR TRACTOR COMPANY
DIRECTOR FRANKLIN, WILLIAM H.
WITH INGERSOLL, ROBERT S.
CHEMICAL NEW YORK CORPORATION
DIRECTOR PIERCY, GEORGE T.
WITH PLACE, JOHN B. M.
METROPOLITAN LIFE INSURANCE COMPANY
DIRECTOR PETERSON, MARTHA E.
WITH PLACE, JOHN B. M.

PEPSICO INC.

DIRECTOR GARVIN, CLIFTON C., JR.
WITH KENDALL, DONALD M.

MOBIL CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DIRECTOR MACNAUGHTON, DONALD S.

WITH WARNER, RAWLEIGH, JR.
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR FRANKLIN, WILLIAM H.
 WITH WARNER, RAWLEIGH, JR.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR PIERCY, GEORGE T.
 WITH WARNER, RAWLEIGH, JR.
 CITICORP
 DIRECTOR GRAY, HARRY J.
 AND GARVIN, CLIFTON C., JR.
 WITH SHELTON, ELEANOR H. B.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR JAMIESON, J. K.
 WITH SHELTON, ELEANOR H. B.
 SHELL OIL COMPANY
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR FRANKLIN, WILLIAM H.
 WITH BLACKIE, WILLIAM
 STANDARD OIL COMPANY OF CALIFORNIA
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR FRANKLIN, WILLIAM H.
 WITH PACKARD, DAVID
 CITICORP
 DIRECTOR GRAY, HARRY J.
 AND GARVIN, CLIFTON C., JR.
 WITH HAYNES, HAROLD J.
 AND PIGOTT, CHARLES M.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH WASSON, E. HORNSBY
 STANDARD OIL COMPANY OF INDIANA
 CHASE MANHATTAN CORP.
 DIRECTOR KAUFFMAN, HOWARD C.
 WITH SWEARINGEN, JOHN E.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR PIERCY, GEORGE T.
 WITH WOOD, RICHARD D.
 TEXACO, INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH MCGILL, WILLIAM J. (DR.)
 INMONT CORP.
 DIRECTOR LONG, FRANKLIN A.
 WITH MCCALL, HOWARD W., JR.
 GULF OIL CORPORATION INTERLOCKS WITH ENERGY CORPORATIONS
 SHELL OIL COMPANY
 AMPEX CORP.
 DIRECTOR PEARSON, NATHAN W.
 WITH BLACKIE, WILLIAM
 MOBIL CORPORATION INTERLOCKS WITH ENERGY CORPORATIONS
 ATLANTIC RICHFIELD COMPANY
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH INGERSOLL, ROBERT S.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH PLACE, JOHN B. M.
 TIME, INC.
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH FREEMAN, GAYLORD
 EXXON CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH MACNAUGHTON, DONALD S.
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH FRANKLIN, WILLIAM H.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH PIERCY, GEORGE T.
 CITICORP
 DIRECTOR SHELTON, ELEANOR H. B.
 WITH GRAY, HARRY J.
 AND GARVIN, CLIFTON C., JR.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR SHELTON, ELEANOR H. B.
 WITH JAMIESON, J. K.
 SHELL OIL COMPANY

CATERPILLAR TRACTOR COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH BLACKIE, WILLIAM
 GENERAL FOODS CORP.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND CLARK, HOWARD L.
 WITH COOK, C. W.
 STANDARD OIL COMPANY OF CALIFORNIA
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH PACKARD, DAVID
 CITICORP
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH HAYNES, HAROLD J.
 AND PIGOTT, CHARLES M.
 STANDARD OIL COMPANY OF INDIANA
 BELL & HOWELL CO.
 DIRECTOR VAN DER EB, HENRY G.
 WITH MALOTT, ROBERT H.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH WOOD, RICHARD D.
 ELI LILLY & CO.
 DIRECTOR WILLIAMS, ALBERT L.
 WITH WOOD, RICHARD D.
 TEXACO, INC.
 AMERICAN EXPRESS COMPANY
 DIRECTOR CLARK, HOWARD L.
 AND WARNER, RAWLEIGH, JR.
 WITH ROOSA, ROBERT V.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH MCGILL, WILLIAM J. (DR.)
 NATIONAL BOULEVARD BANK OF CHICAGO
 DIRECTOR VAN DER EB, HENRY G.
 WITH WRIGLEY, WILLIAM
 SHELL OIL COMPANY INTERLOCKS WITH ENERGY CORPORATIONS
 ATLANTIC RICHFIELD COMPANY
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR BLACKIE, WILLIAM
 WITH INGERSOLL, ROBERT S.
 EXXON CORPORATION
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR BLACKIE, WILLIAM
 WITH FRANKLIN, WILLIAM H.
 GULF OIL CORPORATION
 AMPEX CORP.
 DIRECTOR BLACKIE, WILLIAM
 WITH PEARSON, NATHAN W.
 MOBIL CORPORATION
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR BLACKIE, WILLIAM
 WITH WARNER, RAWLEIGH, JR.
 GENERAL FOODS CORP.
 DIRECTOR COOK, C. W.
 WITH TAVOULAREAS, WILLIAM P.
 AND CLARK, HOWARD L.
 STANDARD OIL COMPANY OF CALIFORNIA
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR BLACKIE, WILLIAM
 WITH PACKARD, DAVID
 STANDARD OIL COMPANY OF CALIFORNIA INTERLOCKS WITH ENERGY CORPORATIONS
 ATLANTIC RICHFIELD COMPANY
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR WASSON, E. HORNSBY
 WITH HAWLEY, PHILLIP M.
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR PACKARD, DAVID
 WITH INGERSOLL, ROBERT S.
 EXXON CORPORATION
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR PACKARD, DAVID
 WITH FRANKLIN, WILLIAM H.
 CITICORP
 DIRECTOR HAYNES, HAROLD J.
 AND PIGOTT, CHARLES M.
 WITH GRAY, HARRY J.
 AND GARVIN, CLIFTON C., JR.

PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECTOR WASSON, E. HORNSBY
 WITH MACNAUGHTON, DONALD S.
 MOBIL CORPORATION
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR PACKARD, DAVID
 WITH WARNER, RAWLEIGH, JR.
 CITICORP
 DIRECTOR HAYNES, HAROLD J.
 AND PIGOTT, CHARLES M.
 WITH SHELDON, ELEANOR H. B.
 SHELL OIL COMPANY
 CATERPILLAR TRACTOR COMPANY
 DIRECTOR PACKARD, DAVID
 WITH BLACKIE, WILLIAM
 STANDARD OIL COMPANY OF INDIANA INTERLOCKS WITH ENERGY CORPORATIONS
 ATLANTIC RICHFIELD COMPANY
 CENTRAL AND SOUTHWEST CORPORATION
 DIRECTOR RASMUSSEN, ARTHUR E.
 WITH WILSON, KENDRICK R., JR.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WOOD, RICHARD D.
 WITH PLACE, JOHN B. M.
 FIRST CHICAGO CORPORATION
 DIRECTOR ABOUD, ROBERT A.
 WITH ANDERSON, ROBERT O.
 AND FREEMAN, GAYLORD
 AND INGERSOLL, ROBERT S.
 EXXON CORPORATION
 CHASE MANHATTAN CORP.
 DIRECTOR SWEARINGEN, JOHN E.
 WITH KAUFFMAN, HOWARD C.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WOOD, RICHARD D.
 WITH PIERCY, GEORGE T.
 MOBIL CORPORATION
 BELL & HOWELL CO.
 DIRECTOR MALOTT, ROBERT H.
 WITH VAN DER EB, HENRY G.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WOOD, RICHARD D.
 WITH WARNER, RAWLEIGH, JR.
 ELI LILLY & CO.
 DIRECTOR WOOD, RICHARD D.
 WITH WILLIAMS, ALBERT L.
 TEXACO, INC. INTERLOCKS WITH ENERGY CORPORATIONS
 ATLANTIC RICHFIELD COMPANY
 ANACONDA CO.
 DIRECTOR ROOSA, ROBERT V.
 WITH DOWNER, JOSEPH P.
 AND PLACE, JOHN B. M.
 EXXON CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MCGILL, WILLIAM J. (DR.)
 WITH MACNAUGHTON, DONALD S.
 INMONT CORP.
 DIRECTOR MCCALL, HOWARD W., JR.
 WITH LONG, FRANKLIN A.
 MOBIL CORPORATION
 AMERICAN EXPRESS COMPANY
 DIRECTOR ROOSA, ROBERT V.
 WITH CLARK, HOWARD L.
 AND WARNER, RAWLEIGH, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MCGILL, WILLIAM J. (DR.)
 WITH WARNER, RAWLEIGH, JR.
 NATIONAL BOULEVARD BANK OF CHICAGO
 DIRECTOR WRIGLEY, WILLIAM
 WITH VAN DER EB, HENRY G.

THE TELECOMMUNICATIONS INDUSTRY

The telecommunications industry is composed of companies providing telephone, telegraph, cable, microwave and satellite communications services to domestic users and for interconnection with systems abroad. The industry includes manufacturers of communications and electronic apparatus and equipment, providers of related engineering and installation services, specialized communication systems and developers of satellite communication technologies.

American Telephone & Telegraph Co.—the largest private corporation in the world—is the giant in this industry. As the parent corporation of the Bell System, it accounts for about 83 percent of all telephone subscribers and serves the most highly developed population and industrial centers of the Nation. As of the end of 1976, A.T. & T.'s capital assets approached \$90 billion and its annual revenues exceeded \$34 billion. In terms of revenues and investment, it had an annual growth rate of about 10 percent.

Besides administering its investments in the 23 operating telephone companies of the Bell System, A.T. & T., through its Long Lines Department, operated a network of facilities which interconnect the systems of its subsidiaries and some 1,600 independent telephone companies. It also operated, in conjunction with foreign communications entities, a network of submarine cables and satellite facilities by which domestic services are extended to overseas points.

A.T. & T. owns Western Electric Co., which is the manufacturing and supply unit for all of the Bell System companies. Western Electric's annual sales volume exceeds \$7 billion and as such it is one of the Nation's largest manufacturing firms. Bell Laboratories, which is owned jointly by A.T. & T. and Western Electric, engages in basic and applied research and extensive development work related to telecommunications.

A.T. & T. is a Government-regulated monopoly, but in recent years it has begun to receive significant competition in the areas of customer-provided equipment, specialized communications systems and domestic satellite systems. This has resulted from a series of policy decisions by the FCC to make the industry structure more responsive to the rapidly emerging requirements of the information age. Thus, there are now competitive sources of supply for PBX's, keysets, facsimile equipment, data modems, and a wide variety of other communications terminals. Similarly, users of specialized intercity business and data transmission services may now choose among the diversified offerings of microwave and satellite common carriers and are no longer confined to those of the Bell System.³⁶

This new-found ability to choose among multiple suppliers can be important to consumers and business firms who spend many millions of dollars annually for communications services and equipment.

³⁶ Business Week, *The New Telephone Industry*, Feb. 13, 1978, pp. 68-78.

TABLE 2C

TELECOMMUNICATIONS INDUSTRY: INDIRECT INTERLOCKS AMONG MAJOR COMPETITORS (19%) *

	American Tel & Tel	International Tel & Tel	General Telephone	IBM	RCA	Western Ele. (owned 100% by AT&T)	Westing- house	Gen. Elec.	Major users	Exxon	General Motors	Oilcorp
AT&T		4	2	22	3	7	9	14		8	2	1 20
IT&T	4		0	3	1	2	2	1		0	1	3
General Tel.	2	0		2	3	4	0	0		0	0	0
IBM	22	3	2		4	3	5	13		11	15	2 10
RCA	3	1	3	4		1	2	5		3	6	1 9
Western (100% owned by AT&T)	7	0	4	3	1		1	5		1	7	7
Westinghouse	9	2	0	5	2	1		6		4	10	1 7
General Electric	14	1	0	13	5	5	6			5	15	1 11

* Number of direct interlocks are upper right; number of indirects are lower left. If no diagonal line appears, the number refers to indirect interlocks.

A.T. & T. seeks to preserve its dominant position in the various communication markets, and has supported a policy of unification rather than competition in telecommunication service—albeit a unified system controlled by A.T. & T. It is not the intention of this study to become involved in this debate, rather to seek to identify the interlocking directorate channels through which A.T. & T. may exert powerful influence and control in support of its policies. Its presence on the boards of some of the largest communications users may easily tilt the competitive scale by fostering management decisions to favor the procurement of services and facilities offered by the Bell System, thereby distorting the operation of competitive market forces and affecting national communications policies.

For instance, the computer material set forth below discloses that the board room of the huge telecommunications company provides a convenient forum for discussion and possible agreement among companies substantially affected by this industry. Six of the Nation's largest banking companies had directors on the A.T. & T. board. They were Citicorp, Chemical New York (2 directors), Manufacturers Hanover (2 directors), Bankers Trust, Continental Illinois, and Western Bancorporation. Also seated at the board table were directors from American Express, John Hancock, Prudential, Northwestern Mutual Life, and Continental Corp.³⁷

Other industries were directly connected on the A.T. & T. board. In automobiles, General Motors was represented by two directors (one also the chairman of A.T. & T.); Chrysler was directly interlocked; and Caterpillar Tractor—basically an automotive company—was also on the A.T. & T. board. In energy, Exxon was represented by a director who was also the chairman of Prudential Insurance Co. Mobil was represented by its chairman and chief executive officer. Texaco's slot on the board was filled by the president of Columbia University. In retailing, J. C. Penney, Mobil (Montgomery Ward) and Federated Department Stores were directly interlocked on the A.T. & T. board.

Also present at the A.T. & T. board table were directors of Boeing, United States Steel, Union Carbide, Du Pont, PepsiCo, Kraftco, International Paper, and General Foods, all substantial users of A.T. & T.'s communication services.

These directors, and others on the boards of the Bell System companies, in turn provided A.T. & T. with an opportunity for indirectly interlocking with most of the country's largest industrials, utilities, transportation and other non-banking organizations, all substantial customers, suppliers and, in certain cases, potential competitors of A.T. & T.

Direct interlocks between the major competitors in the telecommunications industry did not appear from the computer analysis. However, the indirect connections were very significant. For instance, the computer reported that directors of A.T. & T. met directors of International Business Machines across the board table of 15 intermediate companies, through 22 interlocking routes. IBM is the leading participant in a fight against A.T. & T. for a competitive part of the business communications market. Directors of IBM were found to interface with directors of A.T. & T. on the boards of American Express, Bankers Trust, Chemical New York, Citicorp, Continental

³⁷ See analysis 4, at page 227.

Illinois, J. P. Morgan, Caterpillar Tractor, Continental Oil, Du Pont, Mobil and United States Steel.

RCA, another participant in that battle, was indirectly interlocked with A.T. & T., once on the board of Citicorp and twice on the board of United States Steel. RCA directors also met IBM directors on the boards of Citicorp, Metropolitan Life, and United States Steel. RCA also indirectly interlocked with Westinghouse on the board of Citicorp.

International Telephone and Telegraph, the second largest communications equipment maker, interlocked with A.T. & T. on the boards of Chrysler, First City Bancorporation, Southern Railway and U.S. Trust. I.T. & T. also indirectly interlocked with IBM, but only three times.

General Telephone, a smaller competitor to A.T. & T. and IBM, indirectly interlocked with both companies on each of the boards of Bankers Trust and Continental Oil. Also on the Bankers Trust board was a director of Western Electric, providing additional strength to A.T. & T.'s position there.

Citicorp appears to have provided a rather full opportunity for summit discussions in the telecommunications industry. On that huge international banking board sat the chairman of A.T. & T., the deputy chairman of General Electric Ltd; the chairman of Xerox Corp; the chairman of DuPont; a director of RCA; a director of CBS; a director of American Broadcasting Companies; a director of General Electric; directors of Sears, Roebuck and J. C. Penney; a director of Eastman Kodak; directors of General Motors and Ford; two directors of IBM; a director of Westinghouse; and a director of the New York Telephone Company—the largest subsidiary in the Bell System.

Major suppliers, such as General Electric, Westinghouse and Western Electric, were tied in to the major telecommunication companies. GE linked with A.T. & T. through 14 director routes on 10 intermediate boards. Some of these boards were impressive: American Express, Chemical New York, Citicorp, Federated Department Stores, International Paper, Manufacturers Hanover, J. C. Penney and Prudential.

GE indirectly interlocked with IBM 13 times on eight boards, such as American Express, Chase Manhattan, Chemical New York, Citicorp, J. P. Morgan, Scott Paper and Southern Pacific, all very large and powerful companies. The giant manufacturer connected with RCA on the boards of Citicorp, Security Pacific, Jewell Companies and R. H. Macy.

GE and Westinghouse, major competitors in electric and electronic equipment and systems, were not found to be directly interlocked, but as in the cases of automobiles, steel and energy, they may have been able to accomplish the same effects by their indirect connections. Both companies had directors on the following boards: Citicorp; Chemical New York; Pittsburg National Corp.; Great Atlantic and Pacific Tea; and Manufacturers Hanover.

Thus there was substantial opportunity for direct policy discussions and potential understandings among these major competitors afforded by the device of indirect interlocking directorates. Such directorate routes could supply convenient conduits for possible private resolution of the public debate between monopoly and competition in the telecommunications industry.

TELECOMMUNICATIONS INDUSTRY INTERLOCKS

AMERICAN TELEPHONE AND TELEGRAPH COMPANY INTERLOCKS WITH TELECOMMUNICATIONS INDUSTRY
GENERAL ELECTRIC COMPANY

AMERICAN EXPRESS COMPANY
DIRECTOR WARNER, RAWLEIGH, JR.
WITH HENLEY, HENRY H., JR.

BRISTOL-MYERS CO.
DIRECTOR ELLINGHAUS, WILLIAM M.
WITH HENLEY, HENRY H., JR.

CHEMICAL NEW YORK CORPORATION
DIRECTOR BROWN, CHARLES L.
AND WARNER, RAWLEIGH, JR.
WITH HILLMAN, HENRY L.

CITICORP
DIRECTOR DEBUTTS, JOHN D.
WITH WRISTON, WALTER B.

CUMMINS ENGINE CO., INC.
DIRECTOR MILLER, J. IRWIN
WITH HILLMAN, HENRY L.

FEDERATED DEPARTMENT STORES, INC.
DIRECTOR HOLLAND, JEROME HEARTWELL
WITH LAZARUS, RALPH

INTERNATIONAL PAPER CO.
DIRECTOR MURPHY, WILLIAM B.
AND ELLINGHAUS, WILLIAM M.
WITH PIERCE, SAMUEL RILEY, JR.

MANUFACTURERS HANOVER CORPORATION
DIRECTOR HOLLAND, JEROME HEARTWELL
AND LINDHOLM, WILLIAM L.
WITH HENLEY, HENRY H., JR.

PENNEY, J. C., CO., INC.
DIRECTOR BATTEN, WILLIAM M.
AND ELLINGHAUS, WILLIAM M.
WITH WRISTON, WALTER B.

PRUDENTIAL INSURANCE CO. OF AMERICA
DIRECTOR MACNAUGHTON, DONALD S.
WITH PIERCE, SAMUEL RILEY, JR.

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BANKERS TRUST NEW YORK CORP
DIRECTOR ELLINGHAUS, WILLIAM M.
WITH BLAUVELT, HOWARD W.

CONTINENTAL OIL COMPANY
DIRECTOR HEWITT, WILLIAM A.
WITH BLAUVELT, HOWARD W.

INTERNATIONAL BUSINESS MACHINES CORP.
AMERICAN EXPRESS COMPANY
DIRECTOR WARNER, RAWLEIGH, JR.
WITH MARTIN, WILLIAM MCCHESENEY, JR.

BANKERS TRUST NEW YORK CORP
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WITH MOORE, WILLIAM H.

CATERPILLAR TRACTOR COMPANY
DIRECTOR WARNER, RAWLEIGH, JR.
WITH MARTIN, WILLIAM MCCHESENEY, JR.

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AND WARNER, RAWLEIGH, JR.
WITH FUNSTON, G. KEITH
AND LEARSON, T. VINCENT

CITICORP
DIRECTOR DEBUTTS, JOHN D.
WITH HOUGHTON, AMORY, JR.
AND SHAPIRO, IRVING S.

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WITH RIZZO, PAUL J.

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WITH JONES, GILBERT E.

DUPONT, E. I., DE NEMOURS AND CO.

DIRECTOR BROWN, CHARLES L.
 WITH SHAPIRO, IRVING S.
 AND JONES, GILBERT E.
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 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH MARTIN, WILLIAM MCCHESENEY, JR.
 MOBIL CORPORATION
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH WILLIAMS, ALBERT L.
 NEW YORK TELEPHONE COMPANY
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH HOUGHTON, AMORY, JR.
 PEPSICO INC.
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH COLEMAN, WILLIAM T., JR.
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 TIME, INC.
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 DIRECTOR LINDHOLM, WILLIAM L.
 WITH PROCKNOW, DONALD E.
 HART SCHAFFNER & MARX
 DIRECTOR BROWN, CHARLES L.
 WITH BICKMORE, LEE S.
 PENNEY, J. C., CO., INC.
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 AND ELLINGHAUS, WILLIAM M.
 WITH KREPS, JUANITA M.
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 KRAFTCO CORP.
 DIRECTOR CLEARY, CATHERINE B.
 AND DEBUTTS, JOHN D.

WITH MCGILLICUDDY, JOHN F.
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 AND LINDHOLM, WILLIAM L.
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 BRISTOL-MYERS CO.
 DIRECTOR HENLEY, HENRY H., JR.
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 DIRECTOR HILLMAN, HENRY L.
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 WITH HOLLAND, JEROME HEARTWELL
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 AND SHAPIRO, IRVING S.
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 METROPOLITAN LIFE INSURANCE COMPANY
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 WITH PROCKNOW, DONALD E.
 NABISCO, INC.
 DIRECTOR MOORE, WILLIAM H.
 WITH BICKMORE, LEE S.
 WESTINGHOUSE ELECTRIC CORPORATION
 AMF INC.
 DIRECTOR CARY, FRANK T.
 WITH MCGILLICUDDY, JOHN F.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR FUNSTON, G. KEITH
 AND LEARSON, T. VINCENT
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 PFIZER INC.

DIRECTOR ROHATYN, FELIX G.
 WITH KENNEDY, WILLIAM J., III
 WESTINGHOUSE ELECTRIC CORPORATION
 CITIES SERVICE CO.
 DIRECTOR SANFORD, TERRY
 WITH MCGILLICUDDY, JOHN F.
 NEW YORK LIFE INSURANCE COMPANY
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 AND SMILEY, DONALD B.
 WITH MICHELSON, GERTRUDE G.
 SECURITY PACIFIC CORP.
 DIRECTOR BRADSHAW, THORNTON F.
 WITH BOSWELL, JAMES G., II
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 CHARTER NEW YORK CORP.
 DIRECTOR SMILEY, DONALD B.
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 DIRECTOR SMILEY, DONALD B.
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 WESTINGHOUSE ELECTRIC CORPORATION
 CHAMPION INTERNATIONAL CORP.
 DIRECTOR BRADSHAW, THORNTON F.
 WITH BENDETSSEN, KARL R.
 CITICORP
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 DIRECTOR BICKMORE, LEE S.
 WITH ELLINGHAUS, WILLIAM M.
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR PROCKNOW, DONALD E.
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 HART SCHAFFNER & MARX
 DIRECTOR BICKMORE, LEE S.
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 CHARTER NEW YORK CORP.
 DIRECTOR BURCHAM, LESTER A.
 WITH SMILEY, DONALD B.
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 EASTMAN KODAK COMPANY
 DIRECTOR KREPS, JUANITA M.
 WITH EILERS, LOUIS K.
 WESTINGHOUSE ELECTRIC CORPORATION INTERLOCKS WITH TELECOMMUNICATIONS INDUSTRY
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 DIRECTOR WILCOX, GEORGE L.
 WITH HILLMAN, HENRY L.

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 CHAMPION INTERNATIONAL CORP.
 DIRECTOR BENDETSSEN, KARL R.
 WITH BRADSHAW, THORNTON F.

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WESTERN ELECTRIC CO., INC.
 EASTMAN KODAK COMPANY
 DIRECTOR EILERS, LOUIS K.
 WITH KREPS, JUANITA M.

RETAILING ORGANIZATIONS

The six largest national retailing organizations have the financial capacity and the marketing potential to shape the directions of consumer purchasing at the local level. Their size and advertising power have increased dramatically in the last 10 years. The names Sears, Montgomery Ward, J. C. Penney, Kresge's (K-Mart), and Woolworth's are well known to the majority of shopping Americans as organizations supplying a broad selection of general merchandise at reasonable cost. These companies have become merchandising institutions, bolstered by expansive credit policies that permit consumers to fulfill their needs and pay for them over time. Federated Department Stores offers a different but nevertheless equally important brand of retailing that can have significant consumer impact.

Thus, these companies have acquired the power to increase consumer purchasing through aggressive marketing policies and to promote new and innovative products and services through aggressive advertising techniques. Therefore, the degree to which they compete in the type, quality, and price of the products and services they offer is of special importance to the American consumer.

Any potential for independent and competitive policies among these companies may be affected by the patterns of directorate connections among them, and with major financial institutions. A computer listing of retailing company interlocks is set forth below.

For instance, in 1976, directors of Sears, Roebuck met directors of Mobil (owner of Montgomery Ward) on the boards of Citicorp and Chemical New York. Sears' directors also linked with directors of J. C. Penney on the board of Citicorp. The giant retailer indirectly interlocked with Federated Department Stores in the following boardrooms: Chase Manhattan, J. P. Morgan, and Manufacturers Hanover.

The summary of Sears' interlocks with financial institutions is as follows:³⁸

Name of institution	Direct interlocks	Indirect interlocks
Citicorp.....	1	4
Chase Manhattan.....	1	3
J. P. Morgan.....	1	2
Chemical New York.....	1	20
Manufacturers Hanover.....	1	4
Continental Illinois.....	1	25
First Chicago.....	2	31
Metropolitan Life.....	0	14
New York Life.....	0	10
Prudential Insurance.....	0	2

J. C. Penney's interconnections were even more extensive. Its directors linked with Mobil (Montgomery Ward) directors on the boards of A.T. & T., Bankers Trust, Citicorp, Chubb Corp., Xerox, U.S. Trust, and the Rand Corp. It indirectly interlocked with Federated Department Stores also on A.T. & T., and on Union Carbide, General Electric, Reynolds Industries, the New York Stock Exchange, and Dry Dock Savings Bank. It indirectly interlocked with Kresge on the boards of Kennecott Copper and Texas Instruments, and with F. W. Woolworth on the board of Western Electric. The J. C. Penney-Sears, Roebuck connection on Citicorp's board has already been mentioned.

³⁸ See Appendix B, beginning at page 885.

TABLE 2D

RETAILING ORGANIZATIONS: INDIRECT INTERLOCKS

	Sears Roebuck	Mobil (Montgomery Ward)	J.C. Penney	S.S. Kresge (K-Mart)	Woolworth	Federated Dept. Stores
Sears Roebuck		3	2	0	0	4
Mobil (Montgomery Ward)	3		12	1	1	7
J.C. Penney	2	12		2	2	8
S.S. Kresge	0	1	2		1	1
Woolworth	0	1	2	1		1
Federated Department Stores	4	7	8	1	1	

J. C. Penney had the following interlocks with major financial institutions:³⁹

Name of institution	Direct interlocks	Indirect interlocks
Bankers Trust.....	2	5
Citicorp.....	2	9
Chase Manhattan.....	0	7
Chemical New York.....	0	9
Manufacturers Hanover.....	0	13
J. P. Morgan.....	0	8
Metropolitan Life.....	0	6
Prudential Insurance.....	0	10

In addition to the indirect interlocks noted above, Mobil directors connected with directors of Federated Department Stores again on the board of A.T. & T., and on the boards of Cluett Peabody, General Foods, and Fireman's Fund Insurance. It indirectly interlocked with Kresge on the board of CIT Financial Corp., and with F. W. Woolworth on the board of Equitable Life.

In sum all of these major retailing organizations had important lines of directorate communications with each other, with very large suppliers of financial services and with suppliers of essential goods and services.

This close-knit pattern of interlocking directorates again raises the issue as to how independent and competitive the managements of these companies may really be, particularly when they wish to pursue national marketing plans which may not be consistent with established retailing policies and product lines of the major suppliers of consumer goods and services.

³⁹ See Appendix B under J. C. Penney.

RETAILING ORGANIZATION INTERLOCKS

FEDERATED DEPARTMENT STORES, INC. INTERLOCKS WITH GENERAL MERCHANDISE

KRESGE, S. S., COMPANY

CHRYSLER CORPORATION

DIRECTOR HOLLAND, JEROME HEARTWELL
WITH GRIFFITHS, MARTHA W.

MOBIL CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR HOLLAND, JEROME HEARTWELL
WITH WARNER, RAWLEIGH, JR.

CLUETT PEABODY AND CO., INC.

DIRECTOR SHORE, T. SPENCER
WITH CLARK, HOWARD L.

FIREMAN'S FUND INSURANCE CO.

DIRECTOR PETERSON, PETER G.
WITH CLARK, HOWARD L.

GENERAL FOODS CORP.

DIRECTOR HOLLAND, JEROME HEARTWELL
AND PETERSON, PETER G.
WITH TAVOULAREAS, WILLIAM P.
AND CLARK, HOWARD L.

PENNY, J. C., CO., INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR HOLLAND, JEROME HEARTWELL
WITH BATTEN, WILLIAM M.
AND ELLINGHAUS, WILLIAM M.

DRY DOCK SAVINGS BANK

DIRECTOR LACHMAN, LAWRENCE
WITH AXELSON, KENNETH S.

GENERAL ELECTRIC COMPANY

DIRECTOR LAZARUS, RALPH
WITH WRISTON, WALTER B.

NEW YORK STOCK EXCHANGE

DIRECTOR HOLLAND, JEROME HEARTWELL
WITH BATTEN, WILLIAM M.
AND MACBAIN, GAVIN KEITH

REYNOLDS, R. J., INDUSTRIES, INC.

DIRECTOR LINGLE, WALTER L., JR.
WITH KREPS, JOANITA M.

UNION CARBIDE CORPORATION

DIRECTOR HOLLAND, JEROME HEARTWELL
WITH JACKSON, JACK B.

SEARS, ROEBUCK AND CO.

AMERICAN CAN COMPANY

DIRECTOR LACHMAN, LAWRENCE
WITH TELLING, EDWARD R.

CHASE MANHATTAN CORP.

DIRECTOR LAZARUS, RALPH
WITH PACE, NORMA T.

MANUFACTURERS HANOVER CORPORATION

DIRECTOR HOLLAND, JEROME HEARTWELL
WITH BEERS, WILLIAM O.

MORGAN, J. P., AND CO., INC.

DIRECTOR JOHNSON, H. W.
WITH SHULTZ, GEORGE P.

WOOLWORTH, F. W., CO.

KEYES FIBER CO.

DIRECTOR LANDSMAN, HERBERT H.
WITH GUSHMAN, JOHN LOUIS

KRESGE, S. S., COMPANY INTERLOCKS WITH GENERAL MERCHANDISE

FEDERATED DEPARTMENT STORES, INC.

CHRYSLER CORPORATION

DIRECTOR GRIFFITHS, MARTHA W.
WITH HOLLAND, JEROME HEARTWELL

MOBIL CORPORATION

C. I. T. FINANCIAL CORP.

DIRECTOR PURCELL, ROBERT W.
WITH SCHMIDT, HERMAN J.

PENNEY, J. C., CO., INC.

KENNECOTT COPPER CORP.

DIRECTOR RUSSELL, GEORGE
WITH MACBAIN, GAVIN KEITH

TEXAS INSTRUMENTS, INC.
 DIRECTOR MCCrackEN, PAUL W.
 WITH BATTEN, WILLIAM M.
 WOOLWORTH, F. W., CO.
 PITTSBURGH CO., THE
 DIRECTOR PURCELL, ROBERT W.
 WITH KIRBY, FRED MORGAN, II
 MOBIL CORPORATION INTERLOCKS WITH GENERAL MERCHANDISE
 FEDERATED DEPARTMENT STORES, INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH HOLLAND, JEROME HEARTWELL
 CLUETT PEABODY AND CO., INC.
 DIRECTOR CLARK, HOWARD L.
 WITH SHORE, T. SPENCER
 FIREMAN'S FUND INSURANCE CO.
 DIRECTOR CLARK, HOWARD L.
 WITH PETERSON, PETER G.
 GENERAL FOODS CORP.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND CLARK, HOWARD L.
 WITH HOLLAND, JEROME HEARTWELL
 AND PETERSON, PETER G.
 KRESGE, S. S., COMPANY
 C. I. T. FINANCIAL CORP.
 DIRECTOR SCHMIDT, HERMAN J.
 WITH PURCELL, ROBERT W.
 PENNEY, J. C., CO., INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH BATTEN, WILLIAM M.
 AND ELLINGHAUS, WILLIAM M.
 BANKERS TRUST NEW YORK CORP.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.
 WITH ELLINGHAUS, WILLIAM M.
 AND JORDAN, VERNON E., JR.
 CHUBB CORPORATION
 DIRECTOR LAPHAM, LEWIS A.
 WITH WRISTON, WALTER B.
 CITICORP
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH SEIBERT, DONALD VINCENT
 AND WRISTON, WALTER B.
 RAND CORP.
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH WRISTON, WALTER B.
 UNITED STATES TRUST COMPANY
 DIRECTOR CLARK, HOWARD L.
 WITH MACBAIN, GAVIN KEITH
 XEROX CORP.
 DIRECTOR CLARK, HOWARD L.
 WITH JORDAN, VERNON E., JR.
 SEARS, ROEBUCK AND CO.
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH BUTTON, JAMES W.
 CITICORP
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH SPENCER, WILLIAM I.
 DOW JONES AND CO., INC.
 DIRECTOR RIORDAN, JAMES QUENTIN
 WITH MEYER, CHARLES A.
 WOOLWORTH, F. W., CO.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR SHELDON, ELEANOR H. B.
 WITH JAMES, GEORGE F.
 PENNEY, J. C., CO., INC. INTERLOCKS WITH GENERAL MERCHANDISE
 FEDERATED DEPARTMENT STORES, INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR BATTEN, WILLIAM M.
 AND ELLINGHAUS, WILLIAM M.
 WITH HOLLAND, JEROME HEARTWELL
 DRY DOCK SAVINGS BANK
 DIRECTOR AXELSON, KENNETH S.
 WITH LACHMAN, LAWRENCE
 GENERAL ELECTRIC COMPANY
 DIRECTOR WRISTON, WALTER B.

WITH LAZARUS, RALPH
 NEW YORK STOCK EXCHANGE
 DIRECTOR BATTEN, WILLIAM M.
 AND MACBAIN, GAVIN KEITH
 WITH HOLLAND, JEROME HEARTWELL
 REYNOLDS, R. J., INDUSTRIES, INC.
 DIRECTOR KREPS, JUANITA M.
 WITH LINGLE, WALTER L., JR.
 UNION CARBIDE CORPORATION
 DIRECTOR JACKSON, JACK B.
 WITH HOLLAND, JEROME HEARTWELL
 KRESGE, S. S., COMPANY
 KENNECOTT COPPER CORP.
 DIRECTOR MACBAIN, GAVIN KEITH
 WITH RUSSELL, GEORGE
 TEXAS INSTRUMENTS, INC.
 DIRECTOR BATTEN, WILLIAM M.
 WITH MCCracken, PAUL W.
 MOBIL CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR BATTEN, WILLIAM M.
 AND ELLINGHAUS, WILLIAM M.
 WITH WARNER, RAWLEIGH, JR.
 BANKERS TRUST NEW YORK CORP
 DIRECTOR ELLINGHAUS, WILLIAM M.
 AND JORDAN, VERNON E., JR.
 WITH TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.
 CHUBB CORPORATION
 DIRECTOR WRISTON, WALTER B.
 WITH LAPHAM, LEWIS A.
 CITICORP
 DIRECTOR SEIBERT, DONALD VINCENT
 AND WRISTON, WALTER B.
 WITH SHELTON, ELEANOR H. B.
 RAND CORP.
 DIRECTOR WRISTON, WALTER B.
 WITH SHELTON, ELEANOR H. B.
 UNITED STATES TRUST COMPANY
 DIRECTOR MACBAIN, GAVIN KEITH
 WITH CLARK, HOWARD L.
 XEROX CORP.
 DIRECTOR JORDAN, VERNON E., JR.
 WITH CLARK, HOWARD L.
 SEARS, ROEBUCK AND CO.
 CITICORP
 DIRECTOR SEIBERT, DONALD VINCENT
 AND WRISTON, WALTER B.
 WITH SPENCER, WILLIAM I.
 WOOLWORTH, F. W., CO.
 WESTERN ELECTRIC CO., INC.
 DIRECTOR KREPS, JUANITA M.
 WITH BURCHAM, LESTER A.
 AND GUSHMAN, JOHN LOUIS
 SEARS, ROEBUCK AND CO. INTERLOCKS WITH GENERAL MERCHANDISE
 FEDERATED DEPARTMENT STORES, INC.
 AMERICAN CAN COMPANY
 DIRECTOR TELLING, EDWARD R.
 WITH LACHMAN, LAWRENCE
 CHASE MANHATTAN CORP.
 DIRECTOR PACE, NORMA T.
 WITH LAZARUS, RALPH
 MANUFACTURERS HANOVER CORPORATION
 DIRECTOR BEERS, WILLIAM O.
 WITH HOLLAND, JEROME HEARTWELL
 MORGAN, J. P., AND CO., INC.
 DIRECTOR SHULTZ, GEORGE P.
 WITH JOHNSON, H. W.
 MOBIL CORPORATION
 CHEMICAL NEW YORK CORPORATION
 DIRECTOR BUTTON, JAMES W.
 WITH WARNER, RAWLEIGH, JR.
 CITICORP
 DIRECTOR SPENCER, WILLIAM I.
 WITH SHELTON, ELEANOR H. B.
 DOW JONES AND CO., INC.
 DIRECTOR MEYER, CHARLES A.
 WITH RIORDAN, JAMES QUENTIN

PENNEY, J. C., CO., INC.

CITICORP

DIRECTOR SPENCER, WILLIAM I.

WITH SEIBERT, DONALD VINCENT

AND WRISTON, WALTER B.

WOOLWORTH, F. W., CO. INTERLOCKS WITH GENERAL MERCHANDISE

FEDERATED DEPARTMENT STORES, INC.

KEYES FIBER CO.

DIRECTOR GUSHMAN, JOHN LOUIS

WITH LANDSMAN, HERBERT H.

KRESGE, S. S., COMPANY

PITTSTON CO., THE

DIRECTOR KIRBY, FRED MORGAN, II

WITH PURCELL, ROBERT W.

MOBIL CORPORATION

EQUITABLE LIFE ASSURANCE

DIRECTOR JAMES, GEORGE F.

WITH SHELTON, ELEANOR H. B.

PENNEY, J. C., CO., INC.

WESTERN ELECTRIC CO., INC.

DIRECTOR BURCHAM, LESTER A.

AND GUSHMAN, JOHN LOUIS

WITH KREPS, JUANITA M.

FINANCIAL INSTITUTIONS

The overall study of the 130 corporations includes a detailed examination of the direct and indirect interlocks involving leading financial organizations: the 20 largest commercial banking companies; the 10 largest life insurance companies; the 10 largest diversified financial companies, and the 7 largest investment advisory firms. These directorate relationships may be identified by referring specifically to the computerized material contained in Appendix A (p. 284) and Appendix B (p. 885). The analysis here, however, has been limited to 16 major financial institutions selected from the broader list on the basis of their national importance, size, and potential for providing financial and investment services and capital to the country's largest enterprises. This analysis will first examine the extent of the direct and indirect interlocks among these 16 companies, and second, identify those situations where a number of such competitive firms met together on a single board. Finally, a computer print-out of the names of those directors forming the financial interlocks is contained below.

The computer analysis shows that commercial bankers did not sit on each other's boards. For the bank holding companies, that would probably have been prohibited under section 8 of the Clayton Act and Regulation L of the Federal Reserve Board. Rather, the bankers met on the boards of large nonbanking companies such as insurance companies, industrials, utilities, and transportation companies. While there may be nothing illegal about such indirect interlocking relationships, they have at least the appearance of providing ready channels for communication and information which could lead to coordinated—rather than competitive—financial policies among the Nation's largest banking institutions.

For instance, Citicorp, the Nation's largest international bank holding company, joined its closest rival, Chase Manhattan, through 18 direct routes on 12 intermediate boards. It similarly interlocked with J. P. Morgan (parent of the Nation's largest institutional investor, Morgan Guaranty Trust Co.) 30 times on 19 other boards. At the same time, Citicorp indirectly connected with Manufacturers Hanover 26 times on 15 boards, with Chemical New York 24 times on 16 boards and with Bankers Trust 14 times on 9 boards.

The interlock pattern at Chase Manhattan was similar. In addition to its 18 indirect interlocks with Citicorp, directors of Chase Manhattan met with directors representing J. P. Morgan 17 times on 9 boards. It similarly interlocked with Manufacturers Hanover 27 times on 13 boards; with Chemical New York 16 times on 12 boards, with Bankers Trust 7 times, with First Chicago 10 times and with Continental Illinois 6 times.

In addition to its substantial indirect links with Citicorp and Chase, J. P. Morgan indirectly interlocked with Manufacturers Hanover 25 times on 15 boards, with Chemical New York 15 times on 9 boards, with Bankers Trust 6 times, and First Chicago 9 times.

TABLE 2E MAJOR FINANCIAL INSTITUTIONS: DIRECT AND INDIRECT INTERLOCKS AMONG COMPETITORS (1976) *

INSURANCE COMPANIES															
Prudential															
New York Life															
Metropolitan Life															
John Hancock															
Aetna Life * Casualty															
Equitable Life															
Western Bancorp.															
J.P. Morgan															
Man. Hanover															
First Chicago															
Continental Illinois															
Citicorp															
Banking Companies															
Bankamerica															
Bankers Trust															
Chase Manhattan															
Chemical															
Citicorp															
Continental Ill.															
First Chicago															
Man. Hanover															
J.P. Morgan															
Western Bancorp.															

* Number of direct interlocks are upper right; number of indirects are lower left. If no diagonal line appears, the number refers to indirect interlocks.

MAJOR FINANCIAL INSTITUTIONS: DIRECT AND INDIRECT INTERLOCKS AMONG COMPETITORS (Con't.)

INSURANCE COMPANIES	BANKING COMPANIES							INSURANCE COMPANIES								
	Bankamerica	Bankers Trust	Chase Manhattan	Chemical	Citicorp	Continental Illinois	First Chicago	Man. Hanover	J.P. Morgan	Western Bancorp.	Aetna Life & Casualty	Equitable Life	John Hancock	Metropolitan Life	New York Life	Prudential
Aetna Life & Casualty	0	0	3	5	1	1	1	4	3	1		3	1	8	3	2
Equitable	0	6	1	10	1	3	3	5	8	2	3		4	9	6	5
John Hancock	1	3	4	3	4	1	0	5	2	1	1	4		11	2	2
Metropolitan Life	4	3	1	12	2	10	1	12	19	0	8	9	11		17	6
New York Life	5	0	9	18	2	1	5	21	6	4	3	6	2	17		5
Prudential	2	8	1	9	14	1	2	8	4	4	2	5	2	6	5	

* Number of direct interlocks are upper right; number of indirects are lower left. If no diagonal line appears, the number refers to indirect interlocks.

The most indirect interlocks between New York banking companies were those between Manufacturers Hanover and Chemical New York: 32 routes on 17 intermediate boards. Manufacturers Hanover also indirectly connected with Bankers Trust 11 times, and with First Chicago 8 times.

The two largest banking organizations in the Midwest are Continental Illinois and First Chicago Corp., with combined assets of over \$40 billion. They are not directly interlocked, but directors of these banking companies met together on 18 other boards for a total of 42 indirect interlocks. This is the most extensive interconnection between two financial companies found in the study.

Some very large corporations provided prestigious corporate bases for the bankers' communications. Commonwealth Edison, the region's largest utility, hosted two directors from Continental Illinois and four from First Chicago for a total of eight possible connecting routes. Northwest Industries, a large conglomerate, supplied the opportunity for five indirect interlocks. International Harvester provided a forum for four interconnections; Sears, Roebuck (and its subsidiaries) for two; Standard Oil Company (Indiana) for three; Borg-Warner for three; and Inland Steel for two.

Continental Illinois also directly interlocked with A.T. & T. on whose board sat directors from Citicorp, J. P. Morgan, Manufacturers Hanover, Chemical New York, and Prudential, among other financial companies. First Chicago had a direct interlock with General Motors on whose board sat directors of Citicorp, Chase Manhattan, J. P. Morgan, and Metropolitan Life, among others.

Among the six largest insurance companies there were likewise no direct interlocks, but the opportunities for their linkages on other company boards were very substantial. For example, Metropolitan directors met representatives of New York Life 17 times on 12 intermediate boards. Metropolitan Life indirectly interlocked with John Hancock 11 times; with Equitable Life, 9 times; with Prudential 6 times, and with Aetna Life and Casualty 8 times. Prudential, the largest insurance carrier, connected with Equitable Life 5 times and with New York Life 5 times.

A more intensive interlock pattern was found in the relationships between the insurance companies and the bankers.

For instance, the second largest life insurance company, Metropolitan Life, was directly represented on the boards of Citicorp, Chase Manhattan, J. P. Morgan and twice on Chemical New York—the second, third, fifth, and sixth largest bank holding companies, ranked by assets, in the Nation. Metropolitan Life was indirectly interlocked with each of these banking companies an average of 17 times. It had other direct interlocks with First Chicago, Charter New York, Crocker National, Mellon National, Fidelity Union Bank-corporation, First National Holding Corp., First Wisconsin Corp., Lincoln First Banks, and the Royal Bank of Canada.

New York Life was more prolific than Metropolitan Life; it had three directors on Manufacturers Hanover, two on Chemical New York and one each on Citicorp and J. P. Morgan. It indirectly interlocked 21 times with Manufacturers Hanover, 18 times with Chemical New York, 9 times with Chase Manhattan and 5 times with Bank-America.

The largest life insurance company, Prudential, directly interlocked with J. P. Morgan, and Bankers Trust. It indirectly interlocked with Citicorp 14 times, with Chase Manhattan 10 times, and it had 9 indirect routes to Chemical New York.

Perhaps the most intensive insurance company-bank interlock involved John Hancock Mutual Life with First National Boston Corp. Five direct interlocks (including the John Hancock chairman) and 27 indirect interlocks bound those 2 companies. In addition, on the First National board, John Hancock interfaced with five directors of Liberty Mutual Insurance Co., two directors of New England Mutual Life, one director of Massachusetts Life, and directors of four other insurance companies. Also on the Boston bank company's board were representatives of three major utilities, and the chairman of a utility construction firm, Stone & Webster.

FINANCIAL INTERLOCKS ON MAJOR NONFINANCIAL BOARDS

Perhaps more significant than the number of interlock pairs among these banking and insurance companies is the extent in which they met in groups on the boards of the Nation's largest nonfinancial corporations. The following is a listing of some of these corporations together with the names of the major financial companies represented on their boards of directors.⁴⁰

American Telephone & Telegraph and Western Electric (100% owned subsidiary of A. T. & T.): Citicorp, Manufacturers Hanover (2), Chemical New York (2), Bankers Trust (2), Western Bancorporation, Prudential Insurance, John Hancock Mutual Life, Northwestern Mutual, American Express, Continental Corp.

General Motors: Citicorp (2), Chase Manhattan (2), J. P. Morgan (3), First Chicago, Mellon National, National Detroit (2), Metropolitan Life (2), Northwestern Mutual.

Ford: Citicorp, J. P. Morgan, Bankers Trust, Wells Fargo, Equitable Life, John Hancock Mutual Life.

Chrysler: BankAmerica, Chase Manhattan (2), Manufacturers Hanover (2), National Detroit (2), Continental Corp. and New York Life.

United States Steel: Citicorp, Chase Manhattan, Chemical New York, Manufacturers Hanover, Mellon National, Charter New York, First Bank System, Metropolitan Life, Aetna Life & Casualty (2), American Express.

Bethlehem Steel: Citicorp, J. P. Morgan, Continental Illinois, Metropolitan Life.

DuPont: Citicorp, BankAmerica, J. P. Morgan, Chemical New York, John Hancock Mutual Life.

General Electric: Citicorp, Chase Manhattan, J. P. Morgan (3), Manufacturers Hanover, Chemical New York, Security Pacific, Wells Fargo, Prudential, American Express.

Westinghouse Electric: Citicorp, Manufacturers Hanover, Chemical New York, Mellon National, Aetna Life & Casualty, New York Life.

⁴⁰ See Analysis 4, Companies Which Directly Interlock With Major Corporations, at page 214.

Exxon: Citicorp, Chase Manhattan, Chemical New York, Aetna Life & Casualty, Equitable Life Assurance, Metropolitan Life, Prudential Insurance.

Mobil: Citicorp, Chemical New York, Bankers Trust, Equitable Life, American Express.

Atlantic Richfield: Chemical New York, First Chicago, Security Pacific, Metropolitan Life, New York Life.

Standard Oil Co. (Indiana): Chase Manhattan, Chemical New York, First Chicago, Continental Illinois (3).

Union Carbide: Chase Manhattan, J. P. Morgan, Manufacturers Hanover (2), Metropolitan Life (2), New York Life, Continental Corp. (2).

Sears Roebuck: Citicorp, Chase Manhattan, J. P. Morgan, Manufacturers Hanover (2), Chemical New York, Continental Illinois, First Chicago (2), Crocker National.

Southern Pacific: Citicorp, Manufacturers Hanover, Wells Fargo, Western Bancorporation, New York Life (3).

Burlington Northern: J. P. Morgan, First Chicago, First Bank System, Northwest Bancorporation, Equitable Life Assurance, New York Life (2).

International Business Machines: Citicorp (2), Chase Manhattan, J. P. Morgan, Chemical New York (2), Bankers Trust, Continental Illinois, Metropolitan Life, American Express.

Eastman Kodak: Citicorp, J. P. Morgan, Continental Illinois, Marine Midland, Metropolitan Life, Aetna Life & Casualty.

BANKS REPRESENTED ON INSURANCE COMPANY BOARDS

The bankers also grouped on insurance company boards:⁴¹

Metropolitan Life: Citicorp, Chase Manhattan, J. P. Morgan, Chemical New York, Charter New York, Crocker National, First Chicago, Mellon National.

Equitable Life Assurance: Citicorp, Chase Manhattan, Mellon National.

Prudential Insurance: J. P. Morgan, Bankers Trust.

Aetna Life & Casualty: Citicorp, J. P. Morgan.

Allstate Insurance (wholly owned by Sears, Roebuck): Chemical New York, Continental Illinois, First Chicago, Crocker National.

Mutual Life of New York: Citicorp, Chemical New York, Bankers Trust, Crocker National, Wells Fargo.

New York Life: Citicorp, J. P. Morgan, Manufacturers Hanover (3), Chemical New York (2) Crocker National.

Continental Corp.: Chase Manhattan (2), Manufacturers Hanover (4), J. P. Morgan.

INSURANCE COMPANIES REPRESENTED ON BANK COMPANY BOARDS

And the insurance companies similarly grouped on the bank boards:

Citicorp: Aetna Life & Casualty, Metropolitan Life, Equitable Life Assurance, New York Life.

⁴¹ See Appendix A, under name of financial institutions.

Chase Manhattan: Metropolitan Life, Equitable Life Assurance, Continental Corp. American Express.

J. P. Morgan: Aetna Life & Casualty, Metropolitan Life, Prudential Insurance, New York Life, John Hancock Mutual Life, Continental Corp.

Chemical New York: Metropolitan Life (2), New York Life (2), American Express.

FINANCIAL INTERLOCKS ON SMALLER NONFINANCIAL COMPANY BOARDS

The Nation's largest financial institutions also came together on the boards of lesser size companies:⁴²

Campbell Soup: Bankers Trust, J. P. Morgan, Prudential Insurance, Equitable Life Assurance.

Carter, Hawley, Hale Stores: BankAmerica, Western Bancorporation, Prudential Life, New York Life.

R.H. Macy: Citicorp, Chase Manhattan, Charter New York, Manufacturers Hanover, Prudential Insurance, Metropolitan Life, Continental Corp.

Avon Products: J. P. Morgan, Manufacturers Hanover, Chemical New York, New York Life (2).

CPC International: J. P. Morgan, Manufacturers Hanover, Marine Midland Banks, Chemical New York, Equitable Life Assurance, Prudential Life Insurance.

New York Telephone: Citicorp, Chemical New York, Manufacturers Hanover, Marine Midland Banks, Prudential, New York Life.

Ralston Purina: J. P. Morgan, BankAmerica, Charter New York, Mellon National, Metropolitan Life, Northwestern Mutual Life.

United Technologies: Citicorp, J. P. Morgan, Charter New York, Travelers Insurance and Aetna Life and Casualty.

FIDELITY UNION BANCORPORATION: AN EXCEPTION TO THE RULE

One exception to the general finding that bankers do not sit on other banking company boards was the Fidelity Union Bancorporation, a New Jersey holding company owning banks in Newark and other locations in the State. Its subsidiaries were engaged in general commercial and retail banking and trust services and conducted wholesale business with national customers. The company was also involved in international banking and had offices in London, Nassau, Hong Kong, and Tokyo.

Fidelity Union Bancorporation was directly interlocked with its banks across the Hudson River. On its board were directors of Chemical New York, Charter New York (2), and Marine Midland Banks. They were joined by directors of Metropolitan Life, Prudential Insurance, and Continental Corp. (2).

⁴² Id., under name of financial institutions.

The close proximity between Fidelity Union and the very large sister New York and New Jersey banks and insurance companies certainly raises questions of potential anticompetitive action for subsequent examination by the FTC and banking regulatory agencies.

Probably the most important analysis in the entire staff study concerns these 16 financial institutions. Together they account for a very large share of the private capital available to major industrial and commercial companies, and they are among the country's largest investors in major issues of debt and equity securities. Indeed, it can be said that through their enormous capacity to lend large sums of money and to purchase and hold huge blocks of securities, they hold significant power to influence, if not control, the shape and direction of American corporate growth. To the extent that such power is exercised independently and competitively, it is consistent with our national system of free enterprise—that is, that business judgments are made, and business risks are taken, on the basis of competitive responses to supply and demand. To the extent that such power is exercised jointly—through agreement or merely shared knowledge—on any organized basis, it could be destructive of the system.

There are of course exceptions where financial institutions participate together in pooling funds for enterprises beyond the risk of any single large investor. Such joint ventures may be necessary to keep the system in running order. But the issue that has surfaced increasingly in recent years on Capitol Hill is to what degree can the largest financial institutions now and in the future direct the course of major production, distribution and services that affect the daily lives and work of the American people. Are corporate decisions made, and risks taken, independently and competitively, or is there some higher private authority that holds the reins over corporate financial management?

The Bank Holding Company Act of 1956, as amended, assumes as its purpose arm's-length competition between banking companies and it prohibits combinations or conspiracies to monopolize banking in any part of the United States. The Federal Reserve Board has the primary responsibility for enforcing that mandate, although the Antitrust Division and the Federal Trade Commission have concurrent jurisdiction to attack such antitrust abuses where they impact on nonbanking companies.

All of the banking organizations included in Analysis 2 are very large bank holding companies owning and operating full service banks. They compete with each other by providing a general line of banking services to governments, corporations, individuals and institutions in the United States and overseas. Through their banks, subsidiaries, and affiliates they offer lending, depository and financial management services. These include installment loans, real estate, and construction loans, extensions of credit, private placements⁴³ and other financing. They deal in markets for U.S. and Federal agency securities and underwrite tax-exempt obligations. On their investment side, they manage assets such as mutual funds, insurance funds, employee benefit funds, and private and common trust funds. They also offer management advisory and administrative services.

These large banking companies also compete extensively with major insurance companies in five areas: pension fund management;

⁴³ See Federal Reserve Board Staff Study, *Commercial Bank Private Placements*, June 1977.

financial services; private placements, real estate development and leveraged lending. In addition, bank holding companies have insurance affiliates handling credit life and other kinds of insurance. Banks and insurance companies compete in the purchase of debt and equity securities. They buy and sell commercial paper. Bank holding company mutual fund-type operations, or bank trust departments with their various trust certificates, are competitive with the annuity services available from most major insurance firms. Whole life insurance is essentially the same as a savings or investment program coupled with a term insurance policy; some banks are already offering savings and insurance package programs, as indeed they are offering credit and insurance packages.

Perhaps the most significant competitive relationships among these financial institutions for purposes of this analysis involve their dominant roles in money management. The Institutional Investor—a leading investment periodical—in its August 1977 issue—reports that the 300 leading money managers—primarily banking, insurance and investment advisory companies managed \$822 billion in assets as of December 31, 1977.⁴⁴ This was over 40 percent of the gross national product, and not much below the annual production of Japan and Germany combined, according to Institutional Investor. Leading the list of the top 300 money managers were the following companies, most of which are included in the staff study:

Name of company:	Total (millions)
Citibank.....	\$26, 103
Morgan Guaranty Trust.....	25, 622
Prudential Insurance.....	25, 218
Bankers Trust.....	24, 000
Metropolitan Life.....	21, 990
Mellon Bank.....	14, 488
Scudder, Stevens & Clark.....	12, 803
U.S. Trust.....	12, 273
Equitable Life Assurance.....	11, 990
Manufacturers Hanover.....	11, 295
California Employees' Retirement.....	11, 121
Aetna Life & Casualty.....	10, 683
Harris Trust & Savings Bank.....	9, 709
National Bank of Detroit.....	9, 590
First National Bank of Chicago.....	8, 894
Chase Manhattan Bank.....	8, 552
Travelers Corp.....	8, 445
John Hancock Mutual Life.....	7, 993
Continental Illinois.....	7, 900
New York Life.....	7, 695

⁴⁴ Institutional Investor, *Ranking America's Largest Money Managers*, August 1977, pp. 71-102.

The top 20 pension fund managers listed by Institutional Investors were as follows:

Name of company:	Total (millions)
Bankers Trust.....	\$19, 000
Prudential Insurance.....	15, 500
Morgan Guaranty Trust.....	15, 013
Equitable Life Assurance.....	11, 725
Citibank.....	11, 680
Manufacturers Hanover Trust.....	7, 293
National Bank of Detroit.....	7, 192
First National Bank of Chicago.....	5, 787
Scudder, Stevens & Clark.....	5, 710
John Hancock Mutual Life.....	5, 494
Harris Trust & Savings Bank.....	5, 309
Lionel D. Edie.....	5, 300
Travelers Corp.....	4, 523
First National Bank of Boston.....	4, 444
Boston Co.....	4, 400
U.S. Trust.....	4, 125
Continental Illinois National Bank.....	4, 111
BankAmerica Corp.....	3, 596
Chase Manhattan.....	3, 500
Chemical Bank.....	3, 008

The recent subcommittee staff study, "Voting Rights in Major Corporations",⁴⁵ (January, 1978) identified communities of interest among major financial institutions holding significant amounts of stock in the same companies and in the same industry, or related industries. Such communities of interest may be more closely bound together by direct interlocks between these institutions and their portfolio companies, and through indirect interlocks where directors of the institutions and the companies meet together on other boards.

For instance, consider the potential for corporate control in those situations where directors of the institutions holding a sizable amount of stock or debt in a major company sit on the board of that company. On the one hand, they may be in a position to stop the company from going elsewhere to obtain its financing and pursue independent initiatives. On the other hand, they may be able to control that company's competition by assuring adequate credit and capital to the favored company and withholding financial assistance to disfavored competitors. When the largest financial institutions sit astride major competitors in an industry, or, as today, sit astride major related industries, they could be in an advantageous position to control the shape and direction of significant parts of the American economy.

Thus, the above-described interlocks of the 16 financial institutions, among themselves and with the nonfinancial corporations, provide a picture of what may be the tip of the iceberg in the private control over corporate policies and growth. The following is a computer print-out of the interlocking financial directorates.

⁴⁵ Subcommittee on Reports, Accounting and Management, U.S. Senate Committee on Governmental Affairs, January 1978.

FINANCIAL INSTITUTION INTERLOCKS

AETNA LIFE AND CASUALTY COMPANY INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
CHASE MANHATTAN CORP.

EXXON CORPORATION

DIRECTOR GRAY, HARRY J.
WITH KAUFFMAN, HOWARD C.

UNITED STATES STEEL CORPORATION

DIRECTOR FILER, JOHN H.
AND RODERICK, DAVID M.
WITH MYERS, CHARLES F., JR.

CHEMICAL NEW YORK CORPORATION

BARNES GROUP, INC.

DIRECTOR BARNES, WALLACE
WITH LEBLOND, RICHARD K., II

EXXON CORPORATION

DIRECTOR GRAY, HARRY J.
WITH PIERCY, GEORGE T.

UNITED STATES STEEL CORPORATION

DIRECTOR FILER, JOHN H.
AND RODERICK, DAVID M.
WITH WALKER, WILBERT A.

WESTINGHOUSE ELECTRIC CORPORATION

DIRECTOR TAYLOR, HOBART, JR.
WITH PIVIROTT, RICHARD R.

CITICORP

DIRECT THRU GRAY, HARRY J.

EASTMAN KODAK COMPANY

DIRECTOR SHERMAN, ROBERT A.
WITH HATFIELD, ROBERT S.

EXXON CORPORATION

DIRECTOR GRAY, HARRY J.
WITH GARVIN, CLIFTON C., JR.

UNITED STATES STEEL CORPORATION

DIRECTOR FILER, JOHN H.
AND RODERICK, DAVID M.
WITH DEBUTTS, JOHN D.

UNITED TECHNOLOGIES CORP.

DIRECTOR GRAY, HARRY J.
AND SMITH, OLCOTT D.
WITH GRAY, HARRY J.

AND SPENCER, WILLIAM I.

WESTINGHOUSE ELECTRIC CORPORATION

DIRECTOR TAYLOR, HOBART, JR.
WITH MILLIKEN, ROGER

CONTINENTAL ILLINOIS CORPORATION

EASTMAN KODAK COMPANY

DIRECTOR SHERMAN, ROBERT A.
WITH ANDERSON, ROGER E.

EQUITABLE LIFE ASSURANCE

CITICORP

DIRECTOR GRAY, HARRY J.
WITH SHELDON, ELEANOR H. B.

EXXON CORPORATION

DIRECTOR GRAY, HARRY J.
WITH JAMIESON, J. K.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

DIRECTOR TAYLOR, HOBART, JR.
WITH AGEY, WILLIAM M.

FIRST CHICAGO CORPORATION

SEARLE, G. D., & CO.

DIRECTOR ROBICHAUD, BERYL (DR)
WITH AYERS, THOMAS G.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 MORGAN, J. P., AND CO., INC.
 DIRECTOR SMITH, OLCOTT D.
 WITH JOHNSON, H. W.

MANUFACTURERS HANOVER CORPORATION
 UNITED STATES STEEL CORPORATION
 DIRECTOR FILER, JOHN H.
 AND RODERICK, DAVID M.
 WITH BEERS, WILLIAM O.

WESTINGHOUSE ELECTRIC CORPORATION
 DIRECTOR TAYLOR, HOBART, JR.
 WITH MCGILLICUDDY, JOHN F.
 AND WHITMAN, MARINA V. N.

METROPOLITAN LIFE INSURANCE COMPANY
 CITICORP
 DIRECTOR GRAY, HARRY J.
 WITH JENKINS, GEORGE P.

EASTMAN KODAK COMPANY
 DIRECTOR SHERMAN, ROBERT A.
 WITH WALLIS, W. ALLEN

EXXON CORPORATION
 DIRECTOR GRAY, HARRY J.
 WITH PETERSON, MARTHA E.

LINCOLN FIRST BANKS, INC.
 DIRECTOR SHERMAN, ROBERT A.
 WITH WALLIS, W. ALLEN

MORGAN, J. P., AND CO., INC.
 DIRECTOR SMITH, OLCOTT D.
 WITH HOUGHTON, J. R.

ROCHESTER TELEPHONE CORP.
 DIRECTOR SHERMAN, ROBERT A.
 WITH WALLIS, W. ALLEN

UNITED STATES STEEL CORPORATION
 DIRECTOR FILER, JOHN H.
 AND RODERICK, DAVID M.
 WITH SMILEY, DONALD B.

MORGAN, J. P., AND CO., INC.
 DIRECT THRU SMITH, OLCOTT D.

EASTMAN KODAK COMPANY
 DIRECTOR SHERMAN, ROBERT A.
 WITH FALLON, WALTER A.

UNITED TECHNOLOGIES CORP.
 DIRECTOR GRAY, HARRY J.
 WITH SMITH, OLCOTT D.

URBAN NATIONAL CORP.
 DIRECTOR TAYLOR, HOBART, JR.
 WITH LEACH, RALPH F.

NEW YORK LIFE INSURANCE COMPANY
 CITICORP
 DIRECTOR GRAY, HARRY J.
 WITH THOMAS, FRANKLIN A.

MORGAN, J. P., AND CO., INC.
 DIRECTOR SMITH, OLCOTT D.
 WITH BROWN, R. MANNING, JR.

WESTINGHOUSE ELECTRIC CORPORATION
 DIRECTOR TAYLOR, HOBART, JR.
 WITH PIVIROTT, RICHARD R.

PRUDENTIAL INSURANCE CO. OF AMERICA
 EXXON CORPORATION
 DIRECTOR GRAY, HARRY J.
 WITH MACNAUGHTON, DONALD S.

MORGAN, J. P., AND CO., INC.
 DIRECTOR SMITH, OLCOTT D.
 WITH PROCKNOW, DONALD E.

BANKAMERICA CORPORATION INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 CHASE MANHATTAN CORP.

CHRYSLER CORPORATION
 DIRECTOR HALABY, NAJEEB E.
 WITH DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.

CHEMICAL NEW YORK CORPORATION
 DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH BROWN, CHARLES L.

GLOBAL MARINE, INC.
 DIRECTOR ASH, ROY L.
 WITH HILLMAN, HENRY L.

CITICORP

DUPONT, E. I., DE NEMOURS AND CO.
DIRECTOR BRIMMER, ANDREW F.
WITH SHAPIRO, IRVING S.

STANDARD OIL COMPANY OF CALIFORNIA
DIRECTOR GRAY, JOHN R.
WITH HAYNES, HAROLD J.
AND PIGOTT, CHARLES M.

CONTINENTAL ILLINOIS CORPORATION
GENERAL DYNAMICS CORP.
DIRECTOR LEWIS, DAVID SLOAN, JR.
WITH RENEKER, ROBERT W.

INTERNATIONAL HARVESTER COMPANY
DIRECTOR BRIMMER, ANDREW F.
WITH ANDERSON, ROGER E.
AND POTTER, KEITH R.

FIRST CHICAGO CORPORATION
DELTEC INTERNATIONAL, LTD.
DIRECTOR DILLINGHAM, LOWELL S.
WITH PRINCE, WILLIAM WOOD

INTERNATIONAL HARVESTER COMPANY
DIRECTOR BRIMMER, ANDREW F.
WITH MCCORMICK, BROOKS
AND MENK, LOUIS W.

MCA, INC.
DIRECTOR LUNDBORG, LOUIS B.
WITH DRICK, JOHN E.

UAL, INC.
DIRECTOR BRIMMER, ANDREW F.
WITH CARLSON, EDWARD E.
AND STUART, ROBERT D., JR.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
DUPONT, E. I., DE NEMOURS AND CO.
DIRECTOR BRIMMER, ANDREW F.
WITH JOHNSON, H. W.

MANUFACTURERS HANOVER CORPORATION
CHRYSLER CORPORATION
DIRECTOR HALABY, NAJEEB E.
WITH HAUGE, GABRIEL
AND HOLLAND, JEROME HEARTWELL

METROPOLITAN LIFE INSURANCE COMPANY
PACIFIC GAS AND ELECTRIC COMPANY
DIRECTOR WENTE, KARL L.
WITH SOLOMON, EMMETT G.

PACIFIC TELEPHONE & TELEGRAPH CO.
DIRECTOR DI GIORGIO, ROBERT
WITH SOLOMON, EMMETT G.

RALSTON PURINA CORP.
DIRECTOR LEWIS, DAVID SLOAN, JR.
WITH SMILEY, DONALD B.

UAL, INC.
DIRECTOR BRIMMER, ANDREW F.
WITH LUCE, CHARLES F.

MORGAN, J. P., AND CO., INC.
DUPONT, E. I., DE NEMOURS AND CO.
DIRECTOR BRIMMER, ANDREW F.
WITH JOHNSON, E. W.

RALSTON PURINA CORP.
DIRECTOR LEWIS, DAVID SLOAN, JR.
WITH SHAPLEIGH, WAPREN M.

NEW YORK LIFE INSURANCE COMPANY
CARTER HAWLEY HALE STORES, INC.
DIRECTOR DI GIORGIO, ROBERT
WITH MARCUS, STANLEY

CHRYSLER CORPORATION
DIRECTOR HALABY, NAJEEB E.
WITH HAUGE, GABRIEL

DIGIORGIO CORP.
DIRECTOR DI GIORGIO, ROBERT
WITH HULL, JEROME W.

PACIFIC TELEPHONE & TELEGRAPH CO.
DIRECTOR DI GIORGIO, ROBERT
WITH HULL, JEROME W.

PAN AMERICAN WORLD AIRWAYS, INC.
DIRECTOR DILLINGHAM, LOWELL S.
WITH STANTON, FRANK

PRUDENTIAL INSURANCE CO. OF AMERICA
CARTER HAWLEY HALE STORES, INC.
DIRECTOR DI GIORGIO, ROBERT

WITH WASSON, E. HORNSBY
 STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR GRAY, JOHN R.
 WITH WASSON, E. HORNSBY
 WESTERN BANCORPORATION
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR DI GIORGIO, ROBERT
 WITH BARKER, NORMAN, JR.
 AND CARTER, EDWARD W.
 MCA, INC.
 DIRECTOR LUNDBORG, LOUIS B.
 WITH THORTON, CHARLES B.
 SOUTHERN CALIFORNIA EDISON COMPANY
 DIRECTOR MCDANIEL, THOMAS M., JR.
 WITH BARKER, NORMAN, JR.
 AND CARTER, EDWARD W.
 AND HORTON, JACK K.
 STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR GRAY, JOHN R.
 WITH KELLER, GEORGE M.
 BANKERS TRUST NEW YORK CORP INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 CHASE MANHATTAN CORP.
 CELANESE CORP.
 DIRECTOR JORDAN, VERNON E., JR.
 WITH LILLEY, ROBERT D.
 GENERAL FOODS CORP.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 WITH FERGUSON, JAMES L.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR MOORE, WILLIAM H.
 WITH HARRIS, PATRICIA R.
 INTERNATIONAL PAPER CO.
 DIRECTOR ELLINGHAUS, WILLIAM M.
 AND GORMAN, PAUL A.
 WITH PRATT, EDMUND T., JR.
 AND SMITH, J. STANFORD
 CHEMICAL NEW YORK CORPORATION
 AMERICAN CAN COMPANY
 DIRECTOR MOORE, WILLIAM H.
 AND MAY, WILLIAM F.
 WITH WALLACE, MARTHA REDFIELD
 AMERICAN STANDARD INC.
 DIRECTOR LENON, RICHARD A.
 WITH MARUSI, AUGUSTINE R.
 AND WALKER, WILBERT A.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH BROWN, CHARLES L.
 AND WARNER, RAWLEIGH, JR.
 BRISTOL-MYERS CO.
 DIRECTOR ELLINGHAUS, WILLIAM M.
 AND GELB, RICHARD L.
 WITH WALLACE, MARTHA REDFIELD
 CELANESE CORP.
 DIRECTOR JORDAN, VERNON E., JR.
 WITH PLACE, JOHN B. M.
 CHUBB CORPORATION
 DIRECTOR LAPHAM, LEWIS A.
 WITH MOSBACHER, EMIL, JR.
 DUN AND BRADSTREET COMPANIES, INC.
 DIRECTOR BROOKS, JOHN W.
 AND THAYER, WALTER N.
 WITH NEWMAN, JAMES WILSON
 FEDERAL INSURANCE CO.
 DIRECTOR LAPHAM, LEWIS A.
 WITH MOSBACHER, EMIL, JR.
 GENERAL FOODS CORP.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 WITH NEWMAN, JAMES WILSON
 HART SCHAFFNER & MARX
 DIRECTOR BICKMORE, LEE S.
 WITH BROWN, CHARLES L.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR MOORE, WILLIAM H.
 WITH LEARSON, T. VINCENT
 AND FUNSTON, G. KEITH
 INTERNATIONAL PAPER CO.
 DIRECTOR ELLINGHAUS, WILLIAM M.

AND GORMAN, PAUL A.
 WITH NEWMAN, JAMES WILSON
 MARCOR INC.
 DIRECTOR TAVOULAREAS, WILLIAM P.
 WITH WARNER, RAWLEIGH, JR.
 MOBIL CORPORATION
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.
 WITH WARNER, RAWLEIGH, JR.
 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 DIRECTOR BICKMORE, LEE S.
 WITH NEWMAN, JAMES WILSON
 NATIONAL STEEL CORP.
 DIRECTOR MARTING, WALTER A.
 WITH HILLMAN, HENRY L.

CITICORP
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH DEBUTTS, JOHN D.
 CHUBB CORPORATION
 DIRECTOR LAPHAM, LEWIS A.
 WITH WRISTON, WALTER B.
 FORD MOTOR CO.
 DIRECTOR CULLMAN, JOSEPH F., III
 WITH OELMAN, ROBERT S.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR MOORE, WILLIAM H.
 WITH HOUGHTON, AMOPY, JR.
 AND SHAPIRO, IRVING S.
 KRAFTCO CORP.
 DIRECTOR THAYER, WALTER N.
 WITH DEBUTTS, JOHN D.
 MOBIL CORPORATION
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.
 WITH SHELDON, ELEANOR H. B.
 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 DIRECTOR BICKMORE, LEE S.
 WITH PALMER, EDWARD LEWIS
 PENNEY, J. C., CO., INC.
 DIRECTOR ELLINGHAUS, WILLIAM M.
 AND JORDAN, VERNON E., JR.
 WITH SEIBERT, DONALD VINCENT
 AND WRISTON, WALTER B.
 XEROX CORP.
 DIRECTOR JORDAN, VERNON E., JR.
 WITH MCCOULOUGH, C. PETER

CONTINENTAL ILLINOIS CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH HEWITT, WILLIAM A.
 CONTINENTAL OIL COMPANY
 DIRECTOR BLAUVELT, HOWARD W.
 WITH HEWITT, WILLIAM A.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR MOORE, WILLIAM H.
 WITH RIZZO, PAUL J.
 UOP, INC.
 DIRECTOR LENON, RICHARD A.
 WITH QUINN, WILLIAM J.

EQUITABLE LIFE ASSURANCE
 CAMPBELL SOUP CO.
 DIRECTOR GORMAN, PAUL A.
 WITH BLOUGH, ROGER M.
 CONTINENTAL OIL COMPANY
 DIRECTOR BLAUVELT, HOWARD W.
 WITH BUEK, C. W.
 FORD MOTOR CO.
 DIRECTOR CULLMAN, JOSEPH F., III
 WITH WHARTON, CLIFTON R.
 HUYCK CORP.
 DIRECTOR BAYLIS, CHESTER, JR.
 WITH JAMES, GEORGE F.
 MOBIL CORPORATION
 DIRECTOR TAVOULAREAS, WILLIAM P.
 AND LAPHAM, LEWIS A.
 WITH SHELDON, ELEANOR H. B.

FIRST CHICAGO CORPORATION

BALL CORP.
DIRECTOR ELLINGHAUS, WILLIAM M.
WITH GWINN, ROBERT P.

HART SCHAFFNER & MARX
DIRECTOR BICKMORE, LEE S.
WITH ABBODD, ROBERT A.
AND GREY, JOHN D.

KRAFTCO CORP.
DIRECTOR THAYER, WALTER N.
WITH WOELFLE, ARTHUR W.
AND INGERSOLL, ROBERT S.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DIRECTOR ELLINGHAUS, WILLIAM M.
WITH HANIFY, EDWARD B.

FORD MOTOR CO.
DIRECTOR CULLMAN, JOSEPH F., III
WITH BENNETT, GEORGE F.

HANNA MINING CO.
DIRECTOR MOORE, WILLIAM H.
WITH BENNETT, GEORGE F.

MANUFACTURERS HANOVER CORPORATION
AMERICAN STANDARD INC.
DIRECTOR LENON, RICHARD A.
WITH LAPORTE, WILLIAM F.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DIRECTOR ELLINGHAUS, WILLIAM M.
WITH HOLLAND, JEROME HEARTWELL
AND LINDHOLM, WILLIAM L.

BRISTOL-MYERS CO.
DIRECTOR ELLINGHAUS, WILLIAM M.
AND GELB, RICHARD L.
WITH HENLEY, HENRY H., JR.

CLUETT PEABODY AND CO., INC.
DIRECTOR GELB, RICHARD L.
WITH HENLEY, HENRY H., JR.

GENERAL FOODS CORP.
DIRECTOR TAVOULAREAS, WILLIAM P.
WITH HOLLAND, JEROME HEARTWELL

JOHNS MANVILLE CORP.
DIRECTOR MAY, WILLIAM F.
WITH MUNROE, GEORGE B.

KRAFTCO CORP.
DIRECTOR THAYER, WALTER N.
WITH MCGILLICUDDY, JOHN F.
AND BEERS, WILLIAM O.
AND ZIPP, GEORGE G.

METROPOLITAN LIFE INSURANCE COMPANY
CELANESE CORP.
DIRECTOR JORDAN, VERNON E., JR.
WITH PLACE, JOHN B. M.

INTERNATIONAL BUSINESS MACHINES CORP.
DIPECTOR MOORE, WILLIAM H.
WITH FUNSTON, G. KEITH

NORTH AMERICAN PHILLIPS CORP.
DIRECTOR LAPHAM, LEWIS A.
WITH MASON, BIRNEY, JR.

MORGAN, J. P., AND CO., INC.

CAMPBELL SOUP CO.
DIRECTOR GORMAN, PAUL A.
WITH DORRANCE, JOHN T., JR.

FORD MOTOR CO.
DIPECTOR CULLMAN, JOSEPH F., III
WITH BURGESS, CARTER L.

INTERNATIONAL BUSINESS MACHINES CORP.
DIRECTOR MOORE, WILLIAM H.
WITH CARY, FRANK T.

JOHNS MANVILLE CORP.
DIRECTOR MAY, WILLIAM F.
WITH SCHROEDER, JOHN P.

PRUDENTIAL INSURANCE CO. OF AMERICA
DIRECTOR GORMAN, PAUL A.
WITH PROCKNOW, DONALD E.

WESTERN ELECTRIC CO., INC.
DIRECTOR BICKMORE, LEE S.
WITH PROCKNOW, DONALD E.

PRUDENTIAL INSURANCE CO. OF AMERICA
DIRECT THRU GORMAN, PAUL A.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH MACNAUGHTON, DONALD S.
 INTERNATIONAL PAPER CO.
 DIRECTOR ELLINGHAUS, WILLIAM M.
 AND GORMAN, PAUL A.
 WITH PIERCE, SAMUEL RILEY, JR.
 AND GORMAN, PAUL A.
 NABISCO, INC.
 DIRECTOR BICKMORE, LEE S.
 AND MOORE, WILLIAM H.
 WITH SCHAEBERLE, ROBERT M.
 WESTERN ELECTRIC CO., INC.
 DIRECTOR BICKMORE, LEE S.
 WITH PROCKNOW, DONALD E.
 XEROX CORP.
 DIRECTOR JORDAN, VERNON E., JR.
 WITH BECK, R. A.
 WESTERN BANCORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR ELLINGHAUS, WILLIAM M.
 WITH CARTER, EDWARD W.
 CHASE MANHATTAN CORP. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 AETNA LIFE AND CASUALTY COMPANY
 EXXON CORPORATION
 DIRECTOR KAUFFMAN, HOWARD C.
 WITH GRAY, HARRY J.
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH FILER, JOHN H.
 AND RODERICK, DAVID M.
 BANKAMERICA CORPORATION
 CHRYSLEP CORPORATION
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.
 WITH HALABY, NAJEEB E.
 BANKERS TRUST NEW YORK CORP.
 CELANESE CORP.
 DIRECTOR LILLEY, ROBERT D.
 WITH JORDAN, VERNON E., JR.
 GENERAL FOODS CORP.
 DIRECTOR FERGUSON, JAMES L.
 WITH TAVOULAREAS, WILLIAM P.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR HARRIS, PATRICIA R.
 WITH MOORE, WILLIAM H.
 INTERNATIONAL PAPER CO.
 DIRECTOR PRATT, EDMUND T., JR.
 AND SMITH, J. STANFORD
 WITH ELLINGHAUS, WILLIAM M.
 AND GORMAN, PAUL A.
 CHEMICAL NEW YORK CORPORATION
 AMERICAN EXPRESS COMPANY
 DIRECTOR FURLAUD, RICHARD M.
 WITH WALLACE, MARTHA REDFIELD
 AND WARNER, PAWLEIGH, JR.
 BENDIX CORP.
 DIRECTOR EKLUND, C. G.
 WITH VILA, GEORGE R.
 CELANESE CORP.
 DIRECTOR LILLEY, ROBERT D.
 WITH PLACE, JOHN B. M.
 EXXON CORPORATION
 DIRECTOR KAUFFMAN, HOWARD C.
 WITH PIERCY, GEORGE T.
 GENERAL ELECTRIC COMPANY
 DIRECTOR LAZARUS, RALPH
 WITH HILLMAN, HENRY L.
 GENERAL FOODS CORP.
 DIRECTOR FERGUSON, JAMES L.
 WITH NEWMAN, JAMES WILSON
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR HARRIS, PATRICIA R.
 WITH LEARSON, T. VINCENT
 AND FUNSTON, G. KEITH
 INTERNATIONAL PAPER CO.
 DIRECTOR PRATT, EDMUND T., JR.
 AND SMITH, J. STANFORD

WITH NEWMAN, JAMES WILSON
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SHINN, RICHARD R.
 WITH FUNSTON, G. KEITH
 AND PLACE, JOHN E. M.
 SEARS, ROEBUCK AND CO.
 DIRECTOR PACE, NORMA T.
 WITH BUTTON, JAMES W.
 STANDARD OIL COMPANY OF INDIANA
 DIRECTOR SWEARINGEN, JOHN E.
 WITH WOOD, RICHARD D.
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH WALKER, WILBERT A.

CITICORP

ALLIED STORES CORP.
 DIRECTOR ROEDER, GEORGE A., JR.
 WITH THOMAS, FRANKLIN A.
 EQUITABLE LIFE ASSURANCE
 DIRECTOR EKLUND, C. G.
 WITH SHELDON, ELEANOR H. B.
 EXXON CORPORATION
 DIRECTOR KAUFFMAN, HOWARD C.
 WITH GARVIN, CLIFTON C., JR.
 AND GRAY, HARRY J.
 GENERAL ELECTRIC COMPANY
 DIRECTOR LAZARUS, RALPH
 WITH WRISTON, WALTER B.
 GENERAL MOTORS CORP.
 DIRECTOR CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR HARRIS, PATRICIA R.
 WITH HOUGHTON, AMORY, JR.
 AND SHAPIRO, IRVING S.
 MACY, R. H., AND CO., INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 AND LILLEY, ROBERT D.
 WITH FOURAKER, LAWRENCE E.
 MAY DEPT. STORES CO.
 DIRECTOR SHINN, RICHARD R.
 WITH HANLEY, JAMES W.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SHINN, RICHARD R.
 WITH JENKINS, GEORGE P.
 OMEGA FUND, INC.
 DIRECTOR DILLWORTH, J. RICHARDSON
 WITH GRACE, J. PETER
 SEARS, ROEBUCK AND CO.
 DIRECTOR PACE, NORMA T.
 WITH SPENCER, WILLIAM I.
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH DEBUTTS, JOHN D.
 CONTINENTAL ILLINOIS CORPORATION
 BENDIX CORP.
 DIRECTOR EKLUND, C. G.
 WITH LAFONTANT, JEWEL S.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR HARRIS, PATRICIA R.
 WITH RIZZO, PAUL J.
 SEARS, ROEBUCK AND CO.
 DIRECTOR PACE, NORMA T.
 WITH WOOD, ARTHUR M.
 STANDARD OIL COMPANY OF INDIANA
 DIRECTOR SWEARINGEN, JOHN E.
 WITH MALOTT, ROBERT H.
 AND WRIGHT, JOSEPH S.
 AND YARRINGTON, BLAINE J.
 EQUITABLE LIFE ASSURANCE
 DIRECT THRU EKLUND, C. G.
 BENDIX CORP.
 DIRECTOR EKLUND, C. G.
 WITH AGEE, WILLIAM M.
 EXXON CORPORATION
 DIRECTOR KAUFFMAN, HOWARD C.

WITH JAMIESON, J. K.
 MEAD CORP.
 DIRECTOR VERITY, CALVIN WILLIAM, JR.
 WITH ALLEN, IVAN, JR.
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 ASARCO, INC.
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 AND BUTCHER, WILLARD C.
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 AND SMITH, J. STANFORD
 WITH SIVAGE, GERALD A.
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 WITH INGERSOLL, ROBERT S.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SHINN, RICHARD R.
 WITH SIVAGE, GERALD A.
 MINNESOTA MINING & MANUFACTURING CO.
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 WITH MORGAN, LEE L.
 SEARS, ROEBUCK AND CO.
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 WITH AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 STANDARD OIL COMPANY OF INDIANA
 DIRECTOR SWEARINGEN, JOHN E.
 WITH ABBOD, ROBERT A.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
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 WITH SELLERS, ROBERT
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 WITH JOHNSON, H. W.
 AND FIGGINS, W. P.
 HEWLETT PACKARD CORP.
 DIRECTOR HEWLETT, WILLIAM R.
 WITH BENNETT, GEORGE F.
 MANUFACTURERS HANOVER CORPORATION
 ALLIED STORES CORP.
 DIRECTOR ROEDER, GEORGE A., JR.
 WITH MACIOCE, THOMAS M.
 AND MCPHERSON, RENE C.
 AMERICAN EXPRESS COMPANY
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 WITH HENLEY, HENRY H., JR.
 CHRYSLER CORPORATION
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 AND HEWLETT, WILLIAM R.
 WITH HAUGE, GABRIEL
 AND HOLLAND, JEROME HEARTWELL
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 DIRECTOR LILLEY, ROBERT D.
 WITH MCGILLICUDDY, JOHN F.
 CONTINENTAL CORPORATION, THE
 DIRECTOR BARBER, CHARLES F.
 AND LILLEY, ROBERT D.
 WITH HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPP, GEORGE G.
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 DIRECTOR LAZARUS, RALPH
 WITH HOLLAND, JEROME HEARTWELL
 GENERAL ELECTRIC COMPANY
 DIRECTOR LAZARUS, RALPH
 WITH HENLEY, HENRY H., JR.
 GENERAL FOODS CORP.
 DIRECTOR FERGUSON, JAMES L.
 WITH HOLLAND, JEROME HEARTWELL
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 AND LILLEY, ROBERT D.
 WITH WILSON, F. PERRY
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WITH BEERS, WILLIAM O.
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 DIRECTOR SHINN, RICHARD R.
 AND PACE, NORMA T.
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 WITH HOLLAND, JEROME HEARTWELL
 AND WILSON, F. PERRY
 UNITED STATES STEEL CORPORATION
 DIRECTOR MYERS, CHARLES F., JR.
 WITH BEERS, WILLIAM O.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECT THRU SHINN, RICHARD R.
 ALLIED CHEMICAL CORP.
 DIRECTOR CONNOR, JOHN T.
 WITH SHINN, RICHARD R.
 CELANESE CORP.
 DIRECTOR LILLEY, ROBERT D.
 WITH PLACE, JOHN B. M.
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 WITH PETERSON, MARTHA E.
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 DIRECTOR CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 WITH MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
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 AND LILLEY, ROBERT D.
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 DIRECTOR LAZARUS, RALPH
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 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
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 DIRECTOR CONNOR, JOHN T.
 AND SMITH, J. STANFORD
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 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
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 DIRECTOR LAZARUS, RALPH

WITH DICKEY, CHARLES D., JR.
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 AND CONNOR, JOHN T.
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 WITH FINLEY, JAMES D.
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 AND LILLEY, ROBERT D.
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 WITH MCFARLAND, JAMES P.
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 WITH ELLINGHAUS, WILLIAM M.
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 WITH MYERS, CHARLES F., JR.

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 AND WARNER, RAWLEIGH, JR.
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 AND GRAY, HARRY J.
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 AND SHAPIRO, IRVING S.
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 WITH DEBUTTS, JOHN D.
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 WITH MILLIKEN, ROGER

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 WITH WOOD, ARTHUR M.
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 AND FUNSTON, G. KEITH
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 WITH WOOD, ARTHUR M.
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 DIRECTOR BUTTON, JAMES W.
 WITH WOOD, ARTHUR M.
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 DIRECTOR WOOD, RICHARD D.
 WITH MALOTT, ROBERT H.
 AND WRIGHT, JOSEPH S.
 AND YARRINGTON, BLAINE J.
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 DIRECTOR PIVIROTT, RICHARD R.
 AND PLATTEN, DONALD C.
 WITH SEILER, LEWS P.
 BENDIX CORP.
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 AND EKLUND, C. G.
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 AND WILLIAMS, FRANKLIN H.
 WITH MUMFORD, MILTON C.
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 WITH LONGNECKER, H. E.
 AND SEILER, LEWS P.
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 WITH ANDERSON, ROBERT O.
 AND FREEMAN, GAYLORD
 AND INGERSOLL, ROBERT S.
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 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH INGERSOLL, ROBERT S.
 AND MORGAN, LEE L.
 HART SCHAFFNER & MARX
 DIRECTOR BROWN, CHARLES L.
 WITH ABBOD, ROBERT A.
 AND GREY, JOHN D.
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 AND PLACE, JOHN B. M.
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 AND SWIFT, A. DEAN
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 DIRECTOR WARNER, RAWLEIGH, JR.
 WITH FREEMAN, GAYLORD
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 AND RICE, WILLIAM THOMAS
 AND MARUSI, AUGUSTINE R.
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 WITH BEERS, WILLIAM O.
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 WITH MCGILLICUDDY, JOHN F.
 AND WHITMAN, MARINA V. N.
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AND PLACE, JOHN B. M.
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 AND LAIRD, M. R.
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 WITH AUSTIN, J. PAUL
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 AND PRESTON, LEWIS T.
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 AND FUNSTON, G. KEITH
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 DIRECTOR BUTTON, JAMES W.
 WITH SHULTZ, GEORGE P.
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 AND RENCHARD, WILLIAM S.
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 AND PLATTEN, DONALD C.
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 AND PIVIROTT, RICHARD R.
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 WITH STANTON, FRANK
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 DIRECTOR MOSBACHER, EMIL, JR.

WITH BROWN, R. MANNING, JR.
 AND MITCHELL, DAVID W.
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 AND RICE, WILLIAM THOMAS
 AND MARUSJ, AUGUSTINE R.
 WITH FINLEY, JAMES D.
 AND RENCHARD, WILLIAM S.
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 AND RENCHARD, WILLIAM S.
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 FIDELITY UNION BANCORPORATION
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 EASTMAN KODAK COMPANY
 DIRECTOR ANDERSON, ROGER E.
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 AND RENEKER, ROBERT W.
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 IC INDUSTRIES, INC.
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 WITH FOY, LEWIS W.
 AND PATTERSON, ELLMORE C.
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 WITH MACNAUGHTON, DONALD S.
 WESTERN BANCORPORATION
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 EQUITABLE LIFE ASSURANCE INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
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 WITH GRAY, HARRY J.
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 WITH BLAUVELT, HOWARD W.
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 AND LAPHAM, LEWIS A.
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 AND WILLIAMS, FRANKLIN H.
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 AND PALMER, EDWARD LEWIS
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 AND EKLUND, C. G.
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 WITH PETERSON, MARTHA E.
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 WITH HARPER, JOHN DICKESON
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 WITH DAVISON, DANIEL P.
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 WITH DILLINGHAM, LOWELL S.
 INTERNATIONAL HARVESTER COMPANY
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 AND MENK, LOUIS W.
 WITH BRIMMER, ANDREW F.
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 AND STUART, ROBERT D., JR.
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WITH ELLINGHAUS, WILLIAM M.
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 AND GREY, JOHN D.
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 AND INGERSOLL, ROBERT S.
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 WITH BARBER, CHARLES F.
 AND BUTCHER, WILLARD C.
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 WITH CONNOR, JOHN T.
 AND SMITH, J. STANFORD
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 WITH BINGER, JAMES H.
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 AND FREEMAN, GAYLORD
 AND INGERSOLL, ROBERT S.
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 AND MORGAN, LEE L.
 WITH WARNER, RAWLEIGH, JR.
 HART SCHAFFNER & MARX
 DIRECTOR ABBODD, ROBERT A.
 AND GREY, JOHN D.
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 AND PLACE, JOHN B. M.
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 AND SWIFT, A. DEAN
 WITH BUTTON, JAMES W.
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 WITH WOOD, RICHARD D.
 TIME, INC.
 DIRECTOR FREEMAN, GAYLORD
 WITH WARNER, RAWLEIGH, JR.
 CITICORP
 GENERAL MOTORS CORP.
 DIRECTOR SIVAGE, GERALD A.
 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.
 GRACE, W. R., AND CO.
 DIRECTOR PRINCE, WILLIAM WOOD
 WITH MILLIKEN, ROGER
 AND JENKINS, GEORGE P.
 AND GRACE, J. PETER

KRAFTCO CORP.
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 AND INGERSOLL, ROBERT S.
 WITH DEBUTTS, JOHN D.
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 WITH JENKINS, GEORGE P.
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 DIRECTOR AYERS, THOMAS G.
 AND SWIFT, A. DEAN
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 DIRECTOR GRAHAM, WILLIAM B.
 WITH MALOTT, ROBERT H.
 BORG WARNER CORP.
 DIRECTOR GRAHAM, WILLIAM B.
 AND GWINN, ROBERT P.
 AND INGERSOLL, ROBERT S.
 WITH KARNES, WILLIAM G.
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 AND MCCORMICK, BROOKS
 AND PRINCE, WILLIAM WOOD
 AND SWIFT, A. DEAN
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 AND WRIGHT, JOSEPH S.
 DEERE & CO.
 DIRECTOR CARLSON, EDWARD E.
 AND GRAHAM, WILLIAM B.
 WITH HEWITT, WILLIAM A.
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 WITH MITCHELL, MARVIN G.
 ESMARCK, INC.
 DIRECTOR MCCORMICK, BROOKS
 WITH JOHNSON, WILLIAM B.
 AND RENEKER, ROBERT W.
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 DIRECTOR SWIFT, A. DEAN
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 ILLINOIS BELL TELEPHONE CO.
 DIRECTOR NEVIN, JOHN J.
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 AND JAICKS, FREDERICK G.
 WITH TENENBAUM, MICHAEL
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 AND MENK, LOUIS W.
 WITH ANDERSON, ROGER E.
 AND POTTER, KEITH R.
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 AND FREEMAN, GAYLORD
 AND GRAHAM, WILLIAM B.
 AND GREY, JOHN D.
 AND HEINEMAN, BEN W.
 WITH BERE, JAMES F.
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 DIRECTOR STUART, ROBERT D., JR.
 WITH WOOD, ARTHUR M.
 SEARS, ROEBUCK AND CO.
 DIRECTOR AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 WITH WOOD, ARTHUR M.
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 WITH MALOTT, ROBERT H.
 AND WRIGHT, JOSEPH S.
 AND YARRINGTON, BLAINE J.
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 AND MCCORMICK, BROOKS
 AND PRINCE, WILLIAM WOOD
 AND SWIFT, A. DEAN
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 WITH DAVISON, DANIEL P.
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AND SWIFT, A. DEAN
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 AND INGERSOLL, ROBERT S.
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 AND LINDHOLM, WILLIAM L.
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 WITH MCGILLICUDDY, JOHN F.
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 AND FIGGINS, W. P.
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 WITH HOUGHTON, J. R.
 RAYTHEON CO.
 DIRECTOR HILL, RICHARD DEVEREUX
 AND MOCKLER, COLMAN M., JR.
 AND PHILLIPS, THOMAS L.
 AND JONES, G. E.
 WITH NICKERSON, ALBERT L.
 AND NICKERSON, ALBERT L.
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 DIRECTOR BENNETT, GEORGE F.
 AND PHILLIPS, THOMAS L.
 WITH NICKERSON, ALBERT L.
 MORGAN, J. P., AND CO., INC.
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 FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR FIGGINS, W. P.
 WITH JOHNSON, H. W.
 FORD MOTOR CO.
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 MORGAN, J. P., AND CO., INC.
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 WITH CARTER, EDWARD W.
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 WITH FILER, JOHN H.

AND RODERICK, DAVID M.
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 AND WHITMAN, MARINA V. N.
 WITH TAYLOR, HOBART, JR.
 BANKAMERICA CORPORATION
 CHRYSLER CORPORATION
 DIRECTOR HAUGE, GABRIEL
 AND HOLLAND, JEROME HEARTWELL
 WITH HALABY, NAJEEB E.
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 WITH LENON, RICHARD A.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 WITH ELLINGHAUS, WILLIAM M.
 BRISTOL-MYERS CO.
 DIRECTOR HENLEY, HENRY H., JR.
 WITH ELLINGHAUS, WILLIAM M.
 AND GELB, RICHARD L.
 CLUETT PEABODY AND CO., INC.
 DIRECTOR HENLEY, HENRY H., JR.
 WITH GELB, RICHARD L.
 GENERAL FOODS CORP.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH TAVOULAREAS, WILLIAM P.
 JOHNS MANVILLE CORP.
 DIRECTOR MUNFOE, GEORGE B.
 WITH MAY, WILLIAM F.
 KRAFTCO CORP.
 DIRECTOR MCGILLICUDDY, JOHN F.
 AND BEERS, WILLIAM O.
 AND ZIFF, GEORGE G.
 WITH THAYER, WALTER N.
 CHASE MANHATTAN CORP.
 ALLIED STORES CORP.
 DIRECTOR MACIOCE, THOMAS M.
 AND MCPHERSON, RENE C.
 WITH ROEDER, GEORGE A., JR.
 AMERICAN EXPRESS COMPANY
 DIRECTOR HENLEY, HENRY H., JR.
 WITH FURLAUD, RICHARD M.
 CHRYSLER CORPORATION
 DIRECTOR HAUGE, GABRIEL
 AND HOLLAND, JEROME HEARTWELL
 WITH DILLWORTH, J. RICHARDSON
 AND HEWLETT, WILLIAM R.
 CITIES SERVICE CO.
 DIRECTOR MCGILLICUDDY, JOHN F.
 WITH LILLEY, ROBERT D.
 CONTINENTAL CORPORATION, THE
 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIFF, GEORGE G.
 WITH BARBER, CHARLES F.
 AND LILLEY, ROBERT D.
 FEDERATED DEPARTMENT STORES, INC.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH LAZARUS, RALPH
 GENERAL ELECTRIC COMPANY
 DIRECTOR HENLEY, HENRY H., JR.
 WITH LAZARUS, RALPH
 GENERAL FOODS CORP.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH FERGUSON, JAMES L.
 MACY, R. H., AND CO., INC.
 DIRECTOR WILSON, F. PERRY
 WITH DILLWORTH, J. RICHARDSON
 AND LILLEY, ROBERT D.
 SEARS, ROEBUCK AND CO.
 DIRECTOR BEERS, WILLIAM O.
 WITH PACE, NORMA T.
 SPERRY RAND CORP.
 DIRECTOR FINLEY, JAMES D.
 WITH SHINN, RICHARD R.

AND PACE, NORMA T.
 UNION CARBIDE CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND WILSON, F. PERRY
 WITH FERGUSON, JAMES L.
 UNITED STATES STEEL CORPORATION
 DIRECTOR BEERS, WILLIAM O.
 WITH MYERS, CHARLES F., JR.
 CHEMICAL NEW YORK CORPORATION
 AMERICAN EXPRESS COMPANY
 DIRECTOR HENLEY, HENRY H., JR.
 WITH WALLACE, MARTHA REDFIELD
 AND WARNER, RAWLEIGH, JR.
 AMERICAN STANDARD INC.
 DIRECTOR LAPORTE, WILLIAM F.
 WITH MARUSI, AUGUSTINE R.
 AND WALKER, WILBERT A.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 WITH BROWN, CHARLES L.
 AND WARNER, RAWLEIGH, JR.
 AVON PRODUCTS, INC.
 DIRECTOR MITCHELL, DAVID W.
 WITH MOSBACHER, EMIL, JR.
 BOPDEN, INC.
 DIRECTOR FINLEY, JAMES D.
 WITH RENCHARD, WILLIAM S.
 AND RICE, WILLIAM THOMAS
 AND MARUSI, AUGUSTINE R.
 BRISTOL-MYERS CO.
 DIRECTOR HENLEY, HENRY H., JR.
 WITH WALLACE, MARTHA REDFIELD
 CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR BEINECKE, WILLIAM S.
 WITH RENCHARD, WILLIAM S.
 AND WILLIAMS, FRANKLIN H.
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 DIRECTOR PILLIOD, CHARLES JULE, JR.
 WITH PLATTEN, DONALD C.
 GENERAL ELECTRIC COMPANY
 DIRECTOR HENLEY, HENRY H., JR.
 WITH HILLMAN, HENRY L.
 GENERAL FOODS CORP.
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH NEWMAN, JAMES WILSON
 HOME LIFE INSURANCE CO.
 DIRECTOR HENLEY, HENRY H., JR.
 WITH LEBLOND, RICHARD K., II
 NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR FINLEY, JAMES D.
 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.
 WITH PIVIROTT, RICHARD R.
 AND RENCHARD, WILLIAM S.
 NEW YORK TELEPHONE COMPANY
 DIRECTOR HAUGE, GABRIEL
 AND LINDHOLM, WILLIAM L.
 WITH WALLACE, MARTHA REDFIELD
 PEPSICO INC.
 DIRECTOR LINDHOLM, WILLIAM L.
 WITH LEARSON, T. VINCENT
 SEARS, ROEBUCK AND CO.
 DIRECTOR BEERS, WILLIAM O.
 WITH BUTTON, JAMES W.
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 DIRECTOR BEERS, WILLIAM O.
 WITH WALKER, WILBERT A.
 WESTINGHOUSE ELECTRIC CORPORATION
 DIRECTOR MCGILLICUDDY, JOHN F.
 AND WHITMAN, MARINA V. N.
 WITH PIVIROTT, RICHARD R.
 CITICORP
 ALLIED STORES CORP.
 DIRECTOR MACIOCE, THOMAS M.
 AND MCPHERSON, RENE C.
 WITH THOMAS, FRANKLIN A.
 AMERICAN BROADCASTING COMPANIES

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 WITH JENKINS, GEORGE P.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 WITH DEBUTTS, JOHN D.
 CONTINENTAL GROUP, INC.
 DIRECTOR LYET, J. PAUL
 WITH HATFIELD, ROBERT S.
 AND SEIBERT, DONALD VINCENT
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 DIRECTOR HENLEY, HENRY H., JR.
 WITH WRISTON, WALTER B.
 KRAFTCO CORP.
 DIRECTOR MCGILLICUDDY, JOHN F.
 AND BEERS, WILLIAM O.
 AND ZIPP, GEORGE G.
 WITH DEBUTTS, JOHN D.
 MACY, R. H., AND CO., INC.
 DIRECTOR WILSON, F. PERRY
 WITH FOUPAKEP, LAWRENCE E.
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 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.
 WITH THOMAS, FRANKLIN A.
 NEW YORK TELEPHONE COMPANY
 DIRECTOR HAUGE, GABRIEL
 AND LINDHOLM, WILLIAM L.
 WITH HOUGHTON, AMOEY, JR.
 AND THOMAS, FRANKLIN A.
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 DIRECTOR LINDHOLM, WILLIAM L.
 WITH GARVIN, CLIFTON C., JR.
 PHELPS DODGE CORP.
 DIRECTOR MUNFOE, GEORGE B.
 WITH PALMER, EDWARD LEWIS
 SEARS, ROEBUCK AND CO.
 DIRECTOR BEERS, WILLIAM O.
 WITH SPENCER, WILLIAM I.
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 DIRECTOR MUNROE, GEORGE B.
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 WESTINGHOUSE ELECTRIC CORPORATION
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 AND LINDHOLM, WILLIAM L.
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 WITH BURR, FRANCIS H.
 AND FLEISCHMANN, MANLY
 CONSOLIDATED EDISON CO OF NEW YORK
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 WITH MUMFORD, MILTON C.
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 WITH LONGNECKER, H. E.
 AND SEILER, LEWS P.
 FIRST CHICAGO CORPORATION
 KRAFTCO CORP.
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 AND BEERS, WILLIAM O.
 AND ZIPP, GEORGE G.

WITH WOELFLE, ARTHUR W.
 AND INGERSOLL, ROBERT S.
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 AND SWIFT, A. DEAN
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 AND LINDHOLM, WILLIAM L.
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 WITH SELLERS, ROBERT
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 WITH LUCE, CHARLES F.
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 WITH HARPER, JOHN DICKESON
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 DIRECTOR MCGILLICUDDY, JOHN F.
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 DIRECTOR FINLEY, JAMES D.
 WITH SHINN, RICHARD R.
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 AND WILSON, F. PERRY
 WITH MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
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 MORGAN, J. P., AND CO., INC.
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 WITH CARY, FRANK T.
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 DIRECTOR LINDHOLM, WILLIAM L.
 WITH PROCKNOW, DONALD E.
 CONTINENTAL CORPORATION, THE
 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPF, GEORGE G.
 WITH LEACH, RALPH F.
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 DIRECTOR PILLIOD, CHARLES JULE, JR.
 WITH PROCKNOW, DONALD E.
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 WITH COLLADO, EMILLIO G.
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 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
 JOHNS MANVILLE CORP.
 DIRECTOR MUNROE, GEORGE B.

WITH SCHROEDER, JOHN P.
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 AND MITCHELL, DAVID W.
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 WITH SCHROEDER, JOHN P.
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 DIRECTOR BEERS, WILLIAM O.
 WITH SHULTZ, GEORGE P.
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 DIRECTOR MCGILLICUDDY, JOHN F.
 AND BEINECKE, WILLIAM S.
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 STEVENS, J. P., & CO., INC.
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 AND FINLEY, JAMES D.
 WITH BROWN, R. MANNING, JR.
 UNION CARBIDE CORPORATION
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 AND WILSON, F. PERRY
 WITH BROWN, R. MANNING, JR.
 NEW YORK LIFE INSURANCE COMPANY
 DIRECT THRU FINLEY, JAMES D.
 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.
 ALLIED STORES CORP.
 DIRECTOR MACIOCE, THOMAS M.
 AND MCPHERSON, RENE C.
 WITH THOMAS, FRANKLIN A.
 AMERICAN HOME PRODUCTS CORP.
 DIRECTOR LAPORTE, WILLIAM F.
 WITH HAUGE, GABRIEL
 AVON PRODUCTS, INC.
 DIRECTOR MITCHELL, DAVID W.
 WITH BROWN, R. MANNING, JR.
 BODDEN, INC.
 DIRECTOR FINLEY, JAMES D.
 WITH RENCHARD, WILLIAM S.
 CHRYSLER CORPORATION
 DIRECTOR HOLLAND, JEROME HEARTWELL
 WITH HAUGE, GABRIEL
 CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR BEINECKE, WILLIAM S.
 WITH PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.
 NEW YORK TELEPHONE COMPANY
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 AND LINDHOLM, WILLIAM L.
 WITH HAUGE, GABRIEL
 AND THOMAS, FRANKLIN A.
 SOUTHERN PACIFIC COMPANY
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 WITH MONROE, GEORGE B.
 AND PERKINS, RICHARD S.
 STEVENS, J. P., & CO., INC.
 DIRECTOR MITCHELL, DAVID W.
 AND FINLEY, JAMES D.
 WITH BROWN, R. MANNING, JR.
 AND MITCHELL, DAVID W.
 AND FINLEY, JAMES D.
 UNION CARBIDE CORPORATION
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 AND WILSON, F. PERRY
 WITH BROWN, R. MANNING, JR.
 WESTINGHOUSE ELECTRIC CORPORATION
 DIRECTOR MCGILLICUDDY, JOHN F.
 AND WHITMAN, MARINA V. N.
 WITH PIVIROTT, RICHARD R.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 WITH MACNAUGHTON, DONALD S.
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR LINDHOLM, WILLIAM L.

WITH PROCKNOW, DONALD E.
 CPC INTERNATIONAL, INC.
 DIRECTOR PILLIOD, CHARLES JULE, JR.
 WITH PROCKNOW, DONALD E.
 GENERAL ELECTRIC COMPANY
 DIRECTOR HENLEY, HENRY H., JR.
 WITH PIERCE, SAMUEL RILEY, JR.
 MACY, R. H., AND CO., INC.
 DIRECTOR WILSON, F. PERRY
 WITH BEALE, O. E.
 NEW YORK TELEPHONE COMPANY
 DIRECTOR HAUGE, GABRIEL
 AND LINDHOLM, WILLIAM L.
 WITH YUNICH, DAVID L.
 WESTERN BANCORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 WITH CARTER, EDWARD W.
 SOUTHERN PACIFIC COMPANY
 DIRECTOR MUNROE, GEORGE B.
 WITH MUDD, HENRY T.
 METROPOLITAN LIFE INSURANCE COMPANY INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 AETNA LIFE AND CASUALTY COMPANY
 CITICORP
 DIRECTOR JENKINS, GEORGE P.
 WITH GRAY, HARRY J.
 EASTMAN KODAK COMPANY
 DIRECTOR WALLIS, W. ALLEN
 WITH SHERMAN, ROBERT A.
 EXXON CORPORATION
 DIRECTOR PETERSON, MARTHA E.
 WITH GRAY, HARRY J.
 LINCOLN FIRST BANKS, INC.
 DIRECTOR WALLIS, W. ALLEN
 WITH SHERMAN, ROBERT A.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR HOUGHTON, J. R.
 WITH SMITH, OLCOTT D.
 ROCHESTER TELEPHONE CORP.
 DIRECTOR WALLIS, W. ALLEN
 WITH SHERMAN, ROBERT A.
 UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH FILER, JOHN H.
 AND RODERICK, DAVID M.
 BANKAMERICA CORPORATION
 PACIFIC GAS AND ELECTRIC COMPANY
 DIRECTOR SOLOMON, EMMETT G.
 WITH WENTE, KARL L.
 PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR SOLOMON, EMMETT G.
 WITH DI GIORGIO, ROBERT
 RALSTON PURINA CORP.
 DIRECTOR SMILEY, DONALD B.
 WITH LEWIS, DAVID SLOAN, JR.
 UAL, INC.
 DIRECTOR LUCE, CHARLES F.
 WITH BRIMMER, ANDREW F.
 BANKERS TRUST NEW YORK CORP
 CELANESE CORP.
 DIRECTOR PLACE, JOHN B. M.
 WITH JORDAN, VERNON E., JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH MOORE, WILLIAM H.
 NORTH AMERICAN PHILLIPS CORP.
 DIRECTOR MASON, BIRNEY, JR.
 WITH LAPHAM, LEWIS A.
 CHASE MANHATTAN CORP.
 DIRECT THRU SHINN, RICHARD R.
 ALLIED CHEMICAL CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH CONNOR, JOHN T.
 CELANESE CORP.
 DIRECTOR PLACE, JOHN B. M.
 WITH LILLEY, ROBERT D.
 EXXON CORPORATION

DIRECTOR PETERSON, MARTHA E.
 WITH KAUFFMAN, HOWARD C.
 GENERAL MOTORS CORP.
 DIRECTOR MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 WITH CONNOR, JOHN T.
 AND SMITH, J. STANFORD
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH HARRIS, PATRICIA R.
 MACY, R. H., AND CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH DILLWORTH, J. RICHARDSON
 AND LILLEY, ROBERT D.
 NORTHWEST AIRLINES, INC.
 DIRECTOR LAIRD, M. R.
 WITH BINGER, JAMES H.
 OMEGA FUND, INC.
 DIRECTOR SMILEY, DONALD B.
 WITH DILLWORTH, J. RICHARDSON
 SPERRY RAND CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH PACE, NORMA T.
 UNION CARBIDE CORPORATION
 DIRECTOR MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
 WITH FERGUSON, JAMES L.
 UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH MYERS, CHARLES F., JR.
 CHEMICAL NEW YORK CORPORATION
 DIRECT THRU PLACE, JOHN B. M.
 AND FUNSTON, G. KEITH
 BOWERY SAVINGS BANK
 DIRECTOR WEAVER, ROBERT C.
 WITH PIVIPOTT, RICHARD R.
 AND WALLACE, MARTHA REDFIELD
 COMMUNICATIONS SATELLITE CORP.
 DIRECTOR HARPER, JOHN DICKESON
 AND LAIRD, M. R.
 WITH PLACE, JOHN B. M.
 CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR LUCE, CHARLES F.
 WITH RENCHARD, WILLIAM S.
 AND WILLIAMS, FRANKLIN H.
 EXXON CORPORATION
 DIRECTOR PETERSON, MARTHA E.
 WITH PIERCY, GEORGE T.
 FIDELITY UNION BANCORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH NEWMAN, JAMES WILSON
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH LEARSON, T. VINCENT
 PUTNAM TRUST CO.
 DIRECTOR FUNSTON, G. KEITH
 WITH MOSBACHER, EMIL, JR.
 SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
 DIRECTOR RAST, L. EDMUND
 WITH BROWN, CHARLES L.
 UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH WALKER, WILBERT A.
 CITICORP
 DIRECT THRU JENKINS, GEORGE P.
 CORNING GLASS WORKS
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMOPY, JR.
 AND PALMER, EDWARD LEWIS
 CORNING INTERNATIONAL CORP.
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMORY, JR.
 DOW CORNING CORP.
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMORY, JR.
 EASTMAN KODAK COMPANY
 DIRECTOR WALLIS, W. ALLEN
 WITH HATFIELD, ROBERT S.

EXXON CORPORATION
 DIRECTOR PETERSON, MARTHA E.
 WITH GARVIN, CLIFTON C., JR.
 AND GRAY, HARRY J.
 GENERAL MOTORS CORP.
 DIRECTOR MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 WITH DEBUTTS, JOHN D.
 AND HATFIELD, ROBERT S.
 GRACE, W. R., AND CO.
 DIRECTOR JENKINS, GEORGE P.
 WITH MILLIKEN, ROGER
 AND GRACE, J. PETER
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH HOUGHTON, AMORY, JR.
 AND SHAPIRO, IRVING S.
 MACY, R. H., AND CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH FOURAKER, LAWRENCE E.
 MAY DEPT. STORES CO.
 DIRECTOR SHINN, RICHARD R.
 WITH HANLEY, JAMES W.
 NATIONAL BROADCASTING CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH FOURAKER, LAWRENCE E.
 OMEGA FUND, INC.
 DIRECTOR SMILEY, DONALD B.
 WITH GRACE, J. PETER
 PROCTER AND GAMBLE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH OELMAN, ROBERT S.
 RCA CORP.
 DIRECTOR SMILEY, DONALD B.
 WITH FOURAKER, LAWRENCE E.
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 WITH DEBUTTS, JOHN D.
 CONTINENTAL ILLINOIS CORPORATION
 BETHLEHEM STEEL CORPORATION
 DIRECTOR JENKINS, GEORGE P.
 WITH WRIGHT, JOSEPH S.
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 DIRECTOR JOHNSON, G. E.
 WITH COREY, GORDON R.
 AND WRIGHT, JOSEPH S.
 EASTMAN KODAK COMPANY
 DIRECTOR WALLIS, W. ALLEN
 WITH ANDERSON, ROGER E.
 ESMARCK, INC.
 DIRECTOR WALLIS, W. ALLEN
 WITH JOHNSON, WILLIAM B.
 AND RENEKER, ROBERT W.
 IC INDUSTRIES, INC.
 DIRECTOR FUNSTON, G. KEITH
 WITH JOHNSON, WILLIAM B.
 INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR FUNSTON, G. KEITH
 WITH RIZZO, PAUL J.
 TRANS UNION CORP.
 DIRECTOR WALLIS, W. ALLEN
 WITH RENEKER, ROBERT W.
 AND JOHNSON, WILLIAM B.
 EQUITABLE LIFE ASSURANCE
 CHASE MANHATTAN CORP.
 DIRECTOR SHINN, RICHARD R.
 WITH EKLUND, C. G.
 CITICORP
 DIRECTOR JENKINS, GEORGE P.
 WITH SHELDON, ELEANOR H. B.
 CONSOLIDATED EDISON CO OF NEW YORK
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 WITH MUMFORD, MILTON C.
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 DIRECTOR HOUGHTON, J. R.
 WITH BURR, FRANCIS H.
 CRUTCHER RESOURCES CORP.
 DIRECTOR HARPER, JOHN DICKESON

WITH JAMIESON, J. F.
 EXXON CORPORATION
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 WITH JAMIESON, J. F.
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 WITH FISHER, A. W.
 RICH'S, INC.
 DIRECTOR RAST, L. EDMUND
 WITH ALLEN, IVAN, JR.
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 DIRECTOR NICKERSON, ALBERT L.
 WITH BURR, FRANCIS H.
 FIRST CHICAGO CORPORATION
 DIRECT THRU SIVAGE, GERALD A.
 ALUMINUM COMPANY OF AMERICA
 DIRECTOR HARPER, JOHN DICKESON
 WITH CARLSON, EDWARD E.
 ATLANTIC RICHFIELD COMPANY
 DIRECTOR PLACE, JOHN B. M.
 WITH ANDERSON, ROBERT O.
 AND FREEMAN, GAYLORD
 AND INGERSOLL, ROBERT S.
 COMMONWEALTH EDISON
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 WITH AYERS, THOMAS G.
 AND MCCORMICK, BROOKS
 AND PRINCE, WILLIAM WOOD
 AND SWIFT, A. DEAN
 ESMARCK, INC.
 DIRECTOR WALLIS, W. ALLEN
 WITH MCCORMICK, BROOKS
 GENERAL MOTORS CORP.
 DIRECTOR MCLAUGHLIN, W. EARLE
 WITH SIVAGE, GERALD A.
 GRACE, W. F., AND CO.
 DIRECTOR JENKINS, GEORGE P.
 WITH PRINCE, WILLIAM WOOD
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 DIRECTOR MCLAUGHLIN, W. EARLE
 WITH SIVAGE, GERALD A.
 UAL, INC.
 DIRECTOR LUCE, CHARLES F.
 WITH CARLSON, EDWARD E.
 AND STUART, ROBERT D., JR.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 MORGAN, J. P., AND CO., INC.
 DIRECTOR HOUGHTON, J. R.
 WITH JOHNSON, H. W.
 RAYTHEON CO.
 DIRECTOR NICKERSON, ALBERT L.
 AND NICKERSON, ALBERT L.
 WITH HILL, RICHARD DEVEREUX
 AND MOCKLER, COLMAN M., JR.
 AND PHILLIPS, THOMAS L.
 AND JONES, G. B.
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 WITH BENNETT, GEORGE F.
 AND PHILLIPS, THOMAS L.
 MANUFACTURERS HANOVER CORPORATION
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 WITH MACIOCE, THOMAS M.
 CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR LUCE, CHARLES F.
 WITH BEINECKE, WILLIAM S.
 GOODYEAR TIRE AND RUBBER COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH PILLIOD, CHARLES JULE, JR.
 MACY, R. H., AND CO., INC.
 DIRECTOR SMILEY, DONALD B.
 WITH WILSON, F. PEPPEY
 SPERRY & HUTCHINSON CO.
 DIRECTOR HOUGHTON, J. R.
 WITH MCGILLICUDDY, JOHN F.
 AND BEINECKE, WILLIAM S.
 SPERRY RAND CORP.

DIRECTOR SHINN, RICHARD R.
 WITH FINLEY, JAMES D.
 UNION CARBIDE CORPORATION
 DIRECTOR MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
 WITH HOLLAND, JEROME HEARTWELL
 AND WILSON, F. PERRY
 UNITED STATES STEEL CORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH BEERS, WILLIAM O.
 MORGAN, J. P., AND CO., INC.
 DIRECT THRU HOUGHTON, J. R.
 ADELA INVESTMENT CO., S. A.
 DIRECTOR MCLAUGHLIN, W. EARLE
 WITH COLLADO, EMILLIO G.
 BETHLEHEM STEEL CORPORATION
 DIRECTOR JENKINS, GEORGE P.
 WITH FOY, LEWIS W.
 AND PATTERSON, ELLMORE C.
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 WITH FALLON, WALTER A.
 FEDERAL RESERVE BANK OF NEW YORK
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 WITH PATTERSON, ELLMORE C.
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 AND SIVAGE, GERALD A.
 WITH FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 INTERNATIONAL BUSINESS MACHINES CORP.
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 WITH CARY, FRANK T.
 PROCTER AND GAMBLE COMPANY
 DIRECTOR HARPER, JOHN DICKESON
 WITH MORGENS, HOWARD J.
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 DIRECTOR SMILEY, DONALD B.
 WITH SHAPLEIGH, WARREN M.
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 DIRECTOR RAST, L. EDMUND
 WITH AUSTIN, J. PAUL
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 AND MCLAUGHLIN, W. EARLE
 WITH PATTERSON, ELLMORE C.
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 AND SNEATH, WILLIAM S.
 WITH BROWN, R. MANNING, JR.
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 WITH PERKINS, RICHARD S.
 ATLANTIC RICHFIELD COMPANY
 DIRECTOR PLACE, JOHN B. M.
 WITH STANTON, FRANK
 BOWERY SAVINGS BANK
 DIRECTOR WEAVER, ROBERT C.
 WITH PIVIROTT, RICHARD R.
 CHEMICAL NEW YORK CORPORATION
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 AND FUNSTON, G. KEITH
 WITH PIVIROTT, RICHARD R.
 AND RENCHARD, WILLIAM S.
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 DIRECTOR JENKINS, GEORGE P.
 WITH THOMAS, FRANKLIN A.
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 DIRECTOR LUCE, CHARLES F.
 WITH PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.
 CROCKER NATIONAL CORPORATION
 DIRECTOR SOLOMON, EMMETT G.
 WITH HULL, JEROME W.
 MARSHALL FIELD & CO.
 DIRECTOR SIVAGE, GERALD A.

WITH BUDD, J. M.
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 DIRECTOR HOUGHTON, J. R.
 WITH BROWN, F. MANNING, JR.
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 DIRECTOR SOLOMON, EMMETT G.
 WITH HULL, JEROME W.
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 DIRECTOR SHINN, RICHARD R.
 WITH FINLEY, JAMES D.
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 AND SNEATH, WILLIAM S.
 WITH BROWN, F. MANNING, JR.
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 WITH MACNAUGHTON, DONALD S.
 FIDELITY UNION BANCORPORATION
 DIRECTOR SMILEY, DONALD B.
 WITH DAVIS, C. MALCOLM
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 DIRECTOR SMILEY, DONALD B.
 WITH BEALE, O. E.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR HOUGHTON, J. R.
 WITH PROCKNOW, DONALD E.
 TEXAS GULF, INC.
 DIRECTOR SMILEY, DONALD B.
 AND SMILEY, DONALD B.
 WITH THOMSON, RICHARD M.
 MORGAN, J. P., AND CO., INC. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 AETNA LIFE AND CASUALTY COMPANY
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 EASTMAN KODAK COMPANY
 DIRECTOR FALLON, WALTER A.
 WITH SHERMAN, ROBERT A.
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 DIRECTOR SMITH, OLCOTT D.
 WITH GRAY, HARRY J.
 URBAN NATIONAL CORP.
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 WITH TAYLOR, HOBART, JR.
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 WITH BRIMMER, ANDREW F.
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 WITH LEWIS, DAVID SLOAN, JR.
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 WITH GORMAN, PAUL A.
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 WITH CULLMAN, JOSEPH F., III
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 WITH MAY, WILLIAM F.
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 AND LILLEY, ROBERT D.
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 WITH LAZARUS, RALPH
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 AND PLATTEN, DONALD C.
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 WITH MOSBACHER, EMIL, JR.
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 WITH PLATTEN, DONALD C.
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 WITH HOUGHTON, AMORY, JR.
 AND PALMER, EDWARD LEWIS
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 WITH HOUGHTON, AMORY, JR.
 DOW CORNING CORP.
 DIRECTOR HOUGHTON, J. R.
 WITH HOUGHTON, AMORY, JR.
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 WITH BURR, FRANCIS H.

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 AND PATTERSON, ELLMORE C.
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 WITH SIVAGE, GERALD A.
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 WITH AYERS, THOMAS G.
 AND SWIFT, A. DEAN
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 WITH SIVAGE, GERALD A.
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 DIRECTOR JOHNSON, H. W.
 WITH FIGGINS, W. P.
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 WITH MCGILLICUDDY, JOHN F.
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 DIRECTOR LEACH, RALPH F.
 WITH HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPP, GEORGE G.
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 WITH HAUGE, GABRIEL
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 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.

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 WITH MUNROE, GEORGE B.
 SEARS, ROEBUCK AND CO.
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 WITH BEERS, WILLIAM O.
 SPERRY & HUTCHINSON CO.
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 AND BEINECKE, WILLIAM S.
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 WITH MITCHELL, DAVID W.
 AND FINLEY, JAMES D.
 UNION CARBIDE CORPORATION
 DIRECTOR BROWN, R. MANNING, JR.
 WITH HOLLAND, JEROME HEARTWELL
 AND WILSON, F. PERRY
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECT THRU HOUGHTON, J. R.
 ADELA INVESTMENT CO., S. A.
 DIRECTOR COLLADO, EMILLIO G.
 WITH MCLAUGHLIN, W. EARLE
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 DIRECTOR FOY, LEWIS W.
 AND PATTERSON, ELLMORE C.
 WITH JENKINS, GEORGE P.
 EASTMAN KODAK COMPANY
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 WITH WALLIS, W. ALLEN
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 AND PATTERSON, ELLMORE C.
 WITH MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
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 DIRECTOR CARY, FRANK T.
 WITH FUNSTON, G. KEITH
 PROCTER AND GAMBLE COMPANY
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 WITH HARPER, JOHN DICKESON
 RALSTON PURINA CORP.
 DIRECTOR SHAPLEIGH, WAPPEN M.
 WITH SMILEY, DONALD B.
 RICH'S, INC.
 DIRECTOR AUSTIN, J. PAUL
 WITH RAST, L. EDMUND
 STANDARD BRANDS, INC.
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 WITH SIVAGE, GERALD A.
 AND MCLAUGHLIN, W. EARLE
 UNION CARBIDE CORPORATION
 DIRECTOR BROWN, R. MANNING, JR.
 WITH MASON, BIRNEY, JR.
 AND SNEATH, WILLIAM S.
 NEW YORK LIFE INSURANCE COMPANY
 DIRECT THRU BROWN, R. MANNING, JR.
 ASSOCIATED DRY GOODS CORP.
 DIRECTOR BROWN, R. MANNING, JR.
 WITH PIVROTT, RICHARD R.
 AVON PRODUCTS, INC.
 DIRECTOR BROWN, R. MANNING, JR.
 WITH MITCHELL, DAVID W.
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 DIRECTOR DAVISON, DANIEL P.
 WITH BUDD, J. M.
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 WITH HAUGE, GABRIEL
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 WITH MITCHELL, DAVID W.
 AND FINLEY, JAMES D.
 PRUDENTIAL INSURANCE CO. OF AMERICA

DIRECT THRU PROCKNOW, DONALD E.
 CAMPBELL SOUP CO.
 DIRECTOR DORRANCE, JOHN T., JR.
 WITH GORMAN, PAUL A.
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 AND DICKEY, CHARLES D., JR.
 AND PRESTON, LEWIS T.
 WITH PIERCE, SAMUEL RILEY, JR.
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 WITH MUDD, HENRY T.
 NEW YORK LIFE INSURANCE COMPANY INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
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 WITH GRAY, HARRY J.
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 WITH SMITH, OLCOTT D.
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 WITH TAYLOR, ROBERT, JR.
 BANKAMERICA CORPORATION
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR MARCUS, STANLEY
 WITH DI GIORGIO, ROBERT
 CHRYSLER CORPORATION
 DIRECTOR HAUGE, GABRIEL
 WITH HALABY, NAJEEB E.
 DIGIORGIO CORP.
 DIRECTOR HULL, JEROME W.
 WITH DI GIORGIO, ROBERT
 PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR HULL, JEROME W.
 WITH DI GIORGIO, ROBERT
 PAN AMERICAN WORLD AIRWAYS, INC.
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 ALLIED CHEMICAL CORP.
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 WITH SHINN, RICHARD R.
 AND CONNOR, JOHN T.
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 AND HEWLETT, WILLIAM R.
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 AND PACE, NORMA T.
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 AND RENCHARD, WILLIAM S.
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 DIRECTOR BROWN, R. MANNING, JR.
 AND PIVIROTT, RICHARD R.
 WITH PIVIROTT, RICHARD R.
 AND PLATTEN, DONALD C.
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 WITH MOSBACHER, EMIL, JR.
 BORDEN, INC.

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 AND RENCHARD, WILLIAM S.
 WITH RENCHARD, WILLIAM S.
 AND RICE, WILLIAM THOMAS
 AND MARUSI, AUGUSTINE R.
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 AND THOMAS, FRANKLIN A.
 WITH WALLACE, MARTHA REDFIELD
 CITICORP
 DIRECT THRU THOMAS, FRANKLIN A.
 CBS, INC.
 DIRECTOR STANTON, FRANK
 WITH THOMAS, FRANKLIN A.
 NEW YORK TELEPHONE COMPANY
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 AND PERKINS, RICHARD S.
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 AND FREEMAN, GAYLORD
 AND INGERSOLL, ROBERT S.
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 AND HAUGE, GABRIEL

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 WITH HAUGE, GABRIEL
 AND LINDHOLM, WILLIAM L.
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 AND FINLEY, JAMES D.
 WITH MITCHELL, DAVID W.
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 AND WILSON, F. PERRY
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 AND WHITMAN, MARINA V. N.
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 WITH SHINN, RICHARD R.
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 WITH WEAVER, ROBERT C.
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 CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.
 WITH LUCE, CHARLES F.
 CROCKER NATIONAL CORPORATION
 DIRECTOR HULL, JEROME W.
 WITH SOLOMON, EMMETT G.
 MARSHALL FIELD & CO.
 DIRECTOR BUDD, J. M.
 WITH SIVAGE, GERALD A.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR BROWN, R. MANNING, JR.
 WITH HOUGHTON, J. P.
 PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR HULL, JEROME W.
 WITH SOLOMON, EMMETT G.

SPERRY FAND CORP.
 DIRECTOR FINLEY, JAMES D.
 WITH SHINN, RICHARD R.

UNION CARBIDE CORPORATION
 DIRECTOR BROWN, R. MANNING, JR.
 WITH MASON, BIRNEY, JP.
 AND SNEATH, WILLIAM S.

MORGAN, J. P., AND CO., INC.
 DIRECT THRU BROWN, R. MANNING, JR.
 ASSOCIATED DRY GOODS CORP.
 DIRECTOR PIVIROTT, RICHARD R.
 WITH BROWN, R. MANNING, JR.

AVON PRODUCTS, INC.
 DIRECTOR MITCHELL, DAVID W.
 WITH BROWN, R. MANNING, JR.

BURLINGTON NORTHERN, INC.
 DIRECTOR BUDD, J. M.
 WITH DAVISON, DANIEL P.

DISCOUNT CORP. OF NEW YORK
 DIRECTOR HAUGE, GABRIEL
 WITH COLLADO, EMILLIO G.

STEVENS, J. P., & CO., INC.
 DIRECTOR MITCHELL, DAVID W.
 AND FINLEY, JAMES D.
 WITH BROWN, R. MANNING, JR.

PRUDENTIAL INSURANCE CO. OF AMERICA
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR MARCUS, STANLEY
 WITH WASSON, E. HORNSBY

LIBBEY-OWENS-FORD CO.
 DIRECTOR DONNELL, J. C., II
 WITH SCHAEBERLE, ROBERT M.

MORGAN, J. P., AND CO., INC.
 DIRECTOR BROWN, R. MANNING, JR.
 WITH PROCKNOW, DONALD E.

NEW YORK TELEPHONE COMPANY
 DIRECTOR HAUGE, GABRIEL
 AND THOMAS, FRANKLIN A.
 WITH YUNICH, DAVID L.

WESTERN BANCORPORATION
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR MARCUS, STANLEY
 WITH BARKER, NORMAN, JR.
 AND CARTER, EDWARD W.

SOUTHERN PACIFIC COMPANY
 DIRECTOR MONROE, GEORGE B.
 AND PERKINS, RICHARD S.
 WITH MUDD, HENRY T.

PRUDENTIAL INSURANCE CO. OF AMERICA INTEPLOCKS WITH MAJOR FINANCIAL INSTITUTIONS

AETNA LIFE AND CASUALTY COMPANY

EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH GRAY, HARRY J.

MORGAN, J. P., AND CO., INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH SMITH, OLCOTT D.

BANKAMERICA CORPORATION
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR WASSON, E. HORNSBY
 WITH DI GIORGIO, ROBERT

STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR WASSON, E. HORNSBY
 WITH GRAY, JOHN R.

BANKERS TRUST NEW YORK CORP.
 DIRECT THRU GORMAN, PAUL A.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH ELLINGHAUS, WILLIAM M.

INTERNATIONAL PAPER CO.
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 AND GORMAN, PAUL A.
 WITH ELLINGHAUS, WILLIAM M.
 AND GORMAN, PAUL A.

NABISCO, INC.
 DIRECTOR SCHAEBERLE, ROBERT M.
 WITH BICKMORE, LEE S.
 AND MOORE, WILLIAM H.

WESTERN ELECTRIC CO., INC.

DIRECTOR PROCKNOW, DONALD E.
WITH BICKMORE, LEE S.
XEROX CORP.
DIRECTOR BECK, R. A.
WITH JORDAN, VERNON E., JR.
CHASE MANHATTAN CORP.
EXXON CORPORATION
DIRECTOR MACNAUGHTON, DONALD S.
WITH KAUFFMAN, HOWARD C.
GENERAL ELECTRIC COMPANY
DIRECTOR PIERCE, SAMUEL RILEY, JR.
WITH LAZARUS, RALPH
INTERNATIONAL BASIC ECONOMY CORP.
DIRECTOR PIERCE, SAMUEL RILEY, JR.
WITH DILLWORTH, J. RICHARDSON
INTERNATIONAL PAPER CO.
DIRECTOR PIERCE, SAMUEL RILEY, JR.
AND GORMAN, PAUL A.
WITH PRATT, EDMUND T., JR.
AND SMITH, J. STANFORD
MACY, R. H., AND CO., INC.
DIRECTOR BEALE, O. E.
WITH DILLWORTH, J. RICHARDSON
AND LILLEY, ROBERT D.
NORTHWESTERN BELL TELEPHONE CO.
DIRECTOR MCFARLAND, JAMES P.
WITH BINGER, JAMES H.
CHEMICAL NEW YORK CORPORATION
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DIRECTOR MACNAUGHTON, DONALD S.
WITH BROWN, CHARLES L.
AND WARNER, RAWLEIGH, JR.
CPC INTERNATIONAL, INC.
DIRECTOR PROCKNOW, DONALD E.
WITH PLATTEN, DONALD C.
EXXON CORPORATION
DIRECTOR MACNAUGHTON, DONALD S.
WITH PIERCY, GEORGE T.
FIDELITY UNION BANCORPORATION
DIRECTOR DAVIS, C. MALCOLM
WITH NEWMAN, JAMES WILSON
GENERAL ELECTRIC COMPANY
DIRECTOR PIERCE, SAMUEL RILEY, JR.
WITH HILLMAN, HENRY L.
INTERNATIONAL PAPER CO.
DIRECTOR PIERCE, SAMUEL RILEY, JR.
AND GORMAN, PAUL A.
WITH NEWMAN, JAMES WILSON
NEW YORK TELEPHONE COMPANY
DIRECTOR YUNICH, DAVID L.
WITH WALLACE, MARTHA REDFIELD
CITICORP
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DIRECTOR MACNAUGHTON, DONALD S.
WITH DEBUTTS, JOHN D.
EXXON CORPORATION
DIRECTOR MACNAUGHTON, DONALD S.
WITH GARVIN, CLIFTON C., JR.
AND GRAY, HARRY J.
GENERAL ELECTRIC COMPANY
DIRECTOR PIERCE, SAMUEL RILEY, JR.
WITH WRISTON, WALTER B.
INGERSOLL-RAND CO.
DIRECTOR PROCKNOW, DONALD E.
WITH GRACE, J. PETER
MACY, R. H., AND CO., INC.
DIRECTOR BEALE, O. E.
WITH FOURAKER, LAWRENCE E.
NEW YORK TELEPHONE COMPANY
DIRECTOR YUNICH, DAVID L.
WITH HOUGHTON, AMORY, JR.
AND THOMAS, FRANKLIN A.
RAND CORP.
DIRECTOR PIERCE, SAMUEL RILEY, JR.
WITH SHELDON, ELEANOR H. B.
AND WRISTON, WALTER B.
STANDARD OIL COMPANY OF CALIFORNIA
DIRECTOR WASSON, E. HORNSBY

WITH HAYNES, HAROLD J.
 AND PIGOTT, CHARLES M.
 STANFORD RESEARCH INST.
 DIRECTOR WASSON, E. HORNSBY
 WITH HAYNES, HAROLD J.
 XEROX CORP.
 DIRECTOR BECK, R. A.
 WITH MCCOLOUR, C. PETER
 CONTINENTAL ILLINOIS CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH HEWITT, WILLIAM A.
 EQUITABLE LIFE ASSURANCE
 CAMPBELL SOUP CO.
 DIRECTOR GORMAN, PAUL A.
 WITH BLOUGH, ROGER M.
 CPC INTERNATIONAL, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH LONGNECKER, H. E.
 AND SELER, LEWS P.
 EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH JAMIESON, J. K.
 RAND CORP.
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH SHELTON, ELEANOR H. B.
 FIRST CHICAGO CORPORATION
 GENERAL MILLS, INC.
 DIRECTOR MCFARLAND, JAMES P.
 WITH MENK, LOUIS W.
 SHENANDOAH OIL CORP.
 DIRECTOR MCFARLAND, JAMES P.
 WITH STUART, ROBERT D., JR.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH HANIFY, EDWARD B.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH JOHNSON, H. W.
 MANUFACTURERS HANOVER CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH HOLLAND, JEPOME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 BELL TELEPHONE LABORATORIES, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH LINDHOLM, WILLIAM L.
 CPC INTERNATIONAL, INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH PILLIOD, CHARLES JULE, JR.
 GENERAL ELECTRIC COMPANY
 DIRECTOR PIERCE, SAMUEL RILEY, JR.
 WITH HENLEY, HENRY H., JR.
 MACY, R. H., AND CO., INC.
 DIRECTOR BEALE, O. E.
 WITH WILSON, F. PERPY
 NEW YORK TELEPHONE COMPANY
 DIRECTOR YUNICH, DAVID L.
 WITH HAUGE, GABRIEL
 AND LINDHOLM, WILLIAM L.
 METROPOLITAN LIFE INSURANCE COMPANY
 EXXON CORPORATION
 DIRECTOR MACNAUGHTON, DONALD S.
 WITH PETERSON, MARTHA E.
 FIDELITY UNION BANCORPORATION
 DIRECTOR DAVIS, C. MALCOLM
 WITH SMILEY, DONALD B.
 MACY, R. H., AND CO., INC.
 DIRECTOR BEALE, O. E.
 WITH SMILEY, DONALD B.
 MORGAN, J. P., AND CO., INC.
 DIRECTOR PROCKNOW, DONALD E.
 WITH HOUGHTON, J. R.
 TEXAS GULF, INC.
 DIRECTOR THOMSON, RICHARD M.
 WITH SMILEY, DONALD B.
 AND SMILEY, DONALD B.

MORGAN, J. P., AND CO., INC.

DIRECT THRU PROCKNOW, DONALD E.
CAMPBELL SOUP CO.

DIRECTOR GORMAN, PAUL A.
WITH DORRANCE, JOHN T., JR.

GENERAL ELECTRIC COMPANY

DIRECTOR PIERCE, SAMUEL RILEY, JR.

WITH AUSTIN, J. PAUL
AND DICKEY, CHARLES D., JR.
AND PRESTON, LEWIS T.

NEW YORK LIFE INSURANCE COMPANY

CARTER HAWLEY HALE STORES, INC.
DIRECTOR WASSON, E. HORNSBY
WITH MARCUS, STANLEY

LIBBEY-OWENS-FORD CO.

DIRECTOR SCHAEFERLE, ROBERT M.
WITH DONNELL, J. C., II

MORGAN, J. P., AND CO., INC.

DIRECTOR PROCKNOW, DONALD E.
WITH BROWN, R. MANNING, JR.

NEW YORK TELEPHONE COMPANY

DIRECTOR YUNICH, DAVID L.
WITH HAUGE, GABRIEL
AND THOMAS, FRANKLIN A.

WESTERN BANCORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR MACNAUGHTON, DONALD S.
WITH CARTER, EDWARD W.

CARTER HAWLEY HALE STORES, INC.

DIRECTOR WASSON, E. HORNSBY
WITH BARKER, NORMAN, JR.
AND CARTER, EDWARD W.

STANDARD OIL COMPANY OF CALIFORNIA

DIRECTOR WASSON, E. HORNSBY
WITH KELLER, GEORGE M.

WESTERN BANCORPORATION INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS

BANKAMERICA CORPORATION

CARTER HAWLEY HALE STORES, INC.
DIRECTOR BARKER, NORMAN, JR.
AND CARTER, EDWARD W.
WITH DI GIORGIO, ROBERT

MCA, INC.

DIRECTOR THORTON, CHARLES B.
WITH LUNDBORG, LOUIS B.

SOUTHERN CALIFORNIA EDISON COMPANY

DIRECTOR BARKER, NORMAN, JR.
AND CARTER, EDWARD W.
AND HORTON, JACK K.

WITH MCDANIEL, THOMAS M., JR.

STANDARD OIL COMPANY OF CALIFORNIA

DIRECTOR KELLER, GEORGE M.
WITH GRAY, JOHN R.

BANKERS TRUST NEW YORK CORP

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR CARTER, EDWARD W.
WITH ELLINGHAUS, WILLIAM M.

CHEMICAL NEW YORK CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR CARTER, EDWARD W.
WITH BROWN, CHARLES L.
AND WARNER, RAWLEIGH, JR.

LOCKHEED AIRCRAFT CORPORATION

DIRECTOR HORTON, JACK K.
WITH NEWMAN, JAMES WILSON

CITICORP

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DIRECTOR CARTER, EDWARD W.
WITH DEBUTTS, JOHN D.

SOUTHERN PACIFIC COMPANY

DIRECTOR MUDD, HENRY T.
WITH HANLEY, JAMES W.

STANDARD OIL COMPANY OF CALIFORNIA

DIRECTOR KELLER, GEORGE M.
WITH HAYNES, HAROLD J.
AND PIGOTT, CHARLES M.

UNION PACIFIC CORPORATION

DIRECTOR ROTH, ROBERT W.
WITH BARNETT, FRANK E.

AND PALMER, EDWARD LEWIS
 CONTINENTAL ILLINOIS CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH HEWITT, WILLIAM A.
 TRANS WORLD AIRLINES, INC.
 DIRECTOR THORTON, CHARLES B.
 WITH LAFONTANT, JEWEL S.
 EQUITABLE LIFE ASSURANCE
 CROWN ZELLERBACH CORP.
 DIRECTOR ROTH, ROBERT W.
 WITH HENDRICKSON, ROBERT M.
 AND MUMFORD, MILTON C.
 FIRST CHICAGO CORPORATION
 JANTZEN INC.
 DIRECTOR ROTH, ROBERT W.
 AND VOSS, RALPH B.
 WITH GREY, JOHN D.
 MCA, INC.
 DIRECTOR THORTON, CHARLES B.
 WITH DRICK, JOHN E.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH RANIFY, EDWARD B.
 MANUFACTURERS HANOVER CORPORATION
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.
 SOUTHERN PACIFIC COMPANY
 DIRECTOR MUDD, HENRY T.
 WITH MUNROE, GEORGE B.
 MORGAN, J. P., AND CO., INC.
 SOUTHERN RAILWAY COMPANY
 DIRECTOR MUDD, HENRY T.
 WITH LEACH, RALPH F.
 NEW YORK LIFE INSURANCE COMPANY
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR BARKER, NORMAN, JR.
 AND CARTER, EDWARD W.
 WITH MARCUS, STANLEY
 SOUTHERN PACIFIC COMPANY
 DIRECTOR MUDD, HENRY T.
 WITH MONROE, GEORGE B.
 AND PERKINS, RICHARD S.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH MACNAUGHTON, DONALD S.
 CARTER HAWLEY HALE STORES, INC.
 DIRECTOR BARKER, NORMAN, JR.
 AND CARTER, EDWARD W.
 WITH WASSON, E. HORNSBY
 STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR KELLER, GEORGE M.
 WITH WASSON, E. HORNSBY

ANALYSIS 3. INTERLOCKS OF AIRLINES AND ELECTRIC UTILITIES WITH MAJOR FINANCIAL INSTITUTIONS

INTRODUCTION

The Nation's airlines and electric utilities continually require very large sums of money for the financing of their plant and equipment needs. Some of that money has been obtained over the years through the sale of debt and equity securities, but a substantial share of it has come from loans and other financing arrangements with banks, insurance companies, and other suppliers of capital and credit. The cost of this heavy financing is passed on to the consumer in the price and quality of the service. The reasonableness of the price and quality is subject to Government regulation. But there is another cost—this one borne by the managements of the regulated companies in the form of restraints imposed by the financial suppliers as conditions for the indebtedness.

Certain questions then become relevant. Are the airline and electric utilities sufficiently independent so that they can shop around for the least expensive financing, and the least interference of the lending institutions in the management of their affairs? Are these companies reasonably free to build their plants and buy their equipment as they see fit, or are they subject to undue controls and influences of the lenders as to their use of the borrowed funds? Finally, to what extent do airline and utility connections with the larger financial institutions affect the structure of their industries and the kinds of services they provide?

AIRLINE INTERLOCKS

First among the air carriers themselves, the computer analysis shows that Eastern Airlines indirectly interlocked twice with Pan Am through CBS and twice with United Airlines through First Chicago. Besides Eastern, Pan Am indirectly interlocked with United through BankAmerica. TWA indirectly interlocked with UAL on the board of American Security Corp.

TABLE 3

DIRECT AND INDIRECT INTERLOCKS AMONG MAJOR AIR CARRIERS AND MAJOR FINANCIAL INSTITUTIONS (1976)*

	BankAmerica	Bankers Trust	Chase Manhattan	Chemical New York	Citicorp	Continental Illinois	First Chicago	Manufacturers Hanover	Mellon National	J.P. Morgan	National Detroit	Aetna	Equitable Life	Metropolitan Life	John Hancock	New York Life	Northwest Mutual	Prudential
American Airlines	3	1	6	2	9	1	6	1	4	6	6	1	2	2	3	4	4	
Eastern Airlines	1	2	0	3	13	2	4	3	0	2	0	0	1	8		4	1	1
Northwest Airlines	1	0	1	4	2	2	8	1	3	1	0	2	1	1	0	0	1	2
Pan American Airways	1	3	4	13	10	2	9	9	5	3	0	1	2	10	10	6	1	1
Trans World Airlines	4	1	4	6	6	1	4	5	3	3	1	0	2	2	1	2	1	1
United Airlines (UAL)	1	2	2	5	5	5	10	1	6	4	0	0	2	5	2	2	0	1

* Number of direct interlocks are upper right; number of indirects are lower left. If no diagonal line appears, the number refers to indirect interlocks.

Second, the above table describes an extensive array of direct and indirect interlocks between the major air carriers and major financial institutions. A more detailed description of these relationships is contained in the computer analysis set forth below.

This analysis shows that American Airlines was directly interlocked with Manufacturers Hanover, National Detroit, and Equitable Life (two times). It also shows that American reached directors of Citicorp (two), Chase Manhattan (two), Metropolitan Life (two) and Northwestern Mutual Life through a direct interlock with General Motors. Similarly, American Airlines had a direct interlock with United States Steel where it interlocked with Aetna Life (two directors), Charter New York, Chase Manhattan, Chemical New York, Citicorp, First Bank System, and Mellon National. Its directors on Equitable Life's board sat with directors of Chase Manhattan, Citicorp, and Mellon National. On the board of MCA, Inc., it connected with directors of BankAmerica, First Chicago, and Western Bancorporation. On Corning Glass, it indirectly interlocked with Citicorp, J. P. Morgan, Metropolitan Life, and Eastern Airlines. Finally on Sears, Roebuck's board, an American Airlines director met with directors of Chase Manhattan, Chemical, J. P. Morgan, Citicorp, Continental Illinois, and First Chicago. Thus, American Airlines appears to have been in a potentially preferential position for seeking financial support.

The same relationship appears to be true with respect to Eastern Airlines. It was directly interlocked with First Chicago, First City Bancorporation, and First National Boston Corp. However, through an interlock on Corning Glass it reached Citicorp, Equitable Life, Metropolitan Life, and J. P. Morgan. On the board of Cluett Peabody, it reached Bankers Trust and Manufacturers Hanover. On New York Telephone, it connected with Citicorp, Chemical New York, Manufacturers Hanover, Marine Midland, New York Life and Prudential Insurance. On Chubb Corp., it linked with Bankers Trust, Chemical New York, and Citicorp. On W. R. Grace, it reached Citicorp, First Chicago, First National Boston, Marine Midland, Metropolitan Life, and Transamerica. Finally, on Kennecott Copper's board, it indirectly interlocked with Citicorp and J. P. Morgan; and on Commonwealth Edison, it connected with Continental Illinois, First Chicago, and Metropolitan Life.

Pan American directly interlocked with BankAmerica, Security Pacific, and New York Life. However, it indirectly interlocked with Bankers Trust, Chase Manhattan, Chemical New York, and Metropolitan Life on the board of Celanese Corp. It indirectly interlocked with Manufacturers Hanover, Mellon National, and Metropolitan Life on the board of Goodyear Tire & Rubber. It reached Bankers Trust, Chase Manhattan, Chemical New York, Citicorp, Continental Illinois, Metropolitan Life, and J. P. Morgan on the board of International Business Machines. Pan Am directors sat with directors of Citicorp, Chemical New York, and Manufacturers Hanover on the board of Pepsico: with directors of Chemical New York, First Chicago, Metropolitan Life, and New York Life on the board of Atlantic Richfield; and with Chemical New York, Citicorp, Manufacturers Hanover, and J. P. Morgan on the board of New York Life.

Trans World Airlines and UAL, Inc., had similar networks of indirect interlocks with large financial institutions.

The Civil Aeronautics Board was concerned about potential control by outsiders over the airline industry when it ordered an investigation of airline-creditor relationships in 1974. The purpose of its inquiry, said the CAB, "will be to determine whether, and in what manner, equity holding financial institutions, aircraft lessors, and substantial creditors may influence the managements of airlines, and whether any of such persons individually or jointly control any airline * * *." The Federal Aviation Act prohibits such control unless authorized by the CAB under a public interest standard.⁴⁶

In addition to evidences of stock ownership, leasing arrangements and debtholding, the CAB designated interlocking directorates for equal analysis in the overall investigation. The agency order concluded that shareholder, leasing, and credit ties "may be augmented by interlocking relationships, direct *and indirect*" (*italic supplied*), and that as such, they might be subject to regulatory action.

The conclusion which can be drawn from this picture of interlocking directorates is that the Nation's major airlines may not have need of many direct interlocks with the large banks and insurance companies for the conduct of their financial business, when they were so heavily indirectly interlocked through these intermediate companies.

⁴⁶ Civil Aeronautics Board, *Institutional Control of Air Carriers Investigation*. Docket 26348, Orders 74-1-132, 75-1-35, and 77-2-87.

AIRLINES AND FINANCIAL INSTITUTION INTERLOCKS

AMERICAN AIR LINES, INC. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
AETNA LIFE AND CASUALTY COMPANY

INDIRECT THRU UNITED STATES STEEL CORPORATION

DIRECTOR BEERS, WILLIAM O.

WITH FILER, JOHN H.

AND RODERICK, DAVID M.

BANKAMERICA CORPORATION

INDIRECT THRU MCA, INC.

DIRECTOR WASSERMAN, LEW R.

WITH LUNDBORG, LOUIS B.

INDIRECT THRU TIMES MIRROR CO.

DIRECTOR ASTON, JAMES W.

AND CASEY, ALBERT V.

WITH DILLINGHAM, LOWELL S.

BANKERS TRUST NEW YORK CORP

INDIRECT THRU KRAFTCO CORP.

DIRECTOR BEERS, WILLIAM O.

WITH THAYER, WALTER N.

CHASE MANHATTAN CORP.

INDIRECT THRU EQUITABLE LIFE ASSURANCE

DIRECTOR BURR, FRANCIS H.

AND FLEISCHMANN, MANLY

WITH EKLUND, C. G.

INDIRECT THRU GENERAL MOTORS CORP.

DIRECTOR FISCHER, CHARLES T., III

WITH CONNOR, JOHN T.

AND SMITH, J. STANFORD

INDIRECT THRU SEARS, ROEBUCK AND CO.

DIRECTOR BEERS, WILLIAM O.

WITH PACE, NORMA T.

INDIRECT THRU UNITED STATES STEEL CORPORATION

DIRECTOR BEERS, WILLIAM O.

WITH MYERS, CHARLES F., JR.

CHEMICAL NEW YORK CORPORATION

INDIRECT THRU SEARS, ROEBUCK AND CO.

DIRECTOR BEERS, WILLIAM O.

WITH BUTTON, JAMES W.

INDIRECT THRU UNITED STATES STEEL CORPORATION

DIRECTOR BEERS, WILLIAM O.

WITH WALKER, WILBERT A.

CITICORP

INDIRECT THRU CORNING GLASS WORKS

DIRECTOR BURR, FRANCIS H.

WITH HOUGHTON, AMORY, JR.

AND PALMER, EDWARD LEWIS

INDIRECT THRU EQUITABLE LIFE ASSURANCE

DIRECTOR BURR, FRANCIS H.

AND FLEISCHMANN, MANLY

WITH SHELTON, ELEANOR H. B.

INDIRECT THRU GENERAL MOTORS CORP.

DIRECTOR FISCHER, CHARLES T., III

WITH DEBUTTS, JOHN D.

AND HATFIELD, ROBERT S.
 INDIRECT THRU KRAFTCO CORP.
 DIRECTOR BEERS, WILLIAM O.
 WITH DEBUTTS, JOHN D.
 INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR BEERS, WILLIAM O.
 WITH SPENCER, WILLIAM I.
 INDIRECT THRU UNITED STATES STEEL CORPORATION
 DIRECTOR BEERS, WILLIAM O.
 WITH DEBUTTS, JOHN D.
 CONTINENTAL ILLINOIS CORPORATION
 INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR BEERS, WILLIAM O.
 WITH WOOD, ARTHUR M.
 EQUITABLE LIFE ASSURANCE
 DIRECT THRU BURR, FRANCIS H.
 AND FLEISCHMANN, MANLY
 INDIRECT THRU LEVER BROTHERS CO.
 DIRECTOR CARROLL, THOMAS S.
 WITH MUMFORD, MILTON C.
 FIRST CHICAGO CORPORATION
 INDIRECT THRU GENERAL MOTORS CORP.
 DIRECTOR FISCHER, CHARLES T., III
 WITH SIVAGE, GERALD A.
 INDIRECT THRU KRAFTCO CORP.
 DIRECTOR BEERS, WILLIAM O.
 WITH WOELFLE, ARTHUR W.
 AND INGERSOLL, ROBERT S.
 INDIRECT THRU MCA, INC.
 DIRECTOR WASSERMAN, LEW R.
 WITH DRICK, JOHN E.
 INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR BEERS, WILLIAM O.
 WITH AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 INDIRECT THRU NEW ENGLAND ELECTRIC SYSTEM
 DIRECTOR BURR, FRANCIS H.
 WITH BENNETT, GEORGE F.
 INDIRECT THRU STATE STREET INVESTMENT CORP.
 DIRECTOR BURR, FRANCIS H.
 WITH BENNETT, GEORGE F.
 AND PHILLIPS, THOMAS L.
 MANUFACTURERS HANOVER CORPORATION
 DIRECT THRU BEERS, WILLIAM O.
 INDIRECT THRU KRAFTCO CORP.
 DIRECTOR BEERS, WILLIAM O.
 WITH MCGILLICUDDY, JOHN F.
 AND ZIPF, GEORGE G.
 INDIRECT THRU SMITH, A. O., CORP.
 DIRECTOR BEERS, WILLIAM O.
 WITH WILSON, F. PERRY
 METROPOLITAN LIFE INSURANCE COMPANY
 INDIRECT THRU CANADIAN IMPERIAL BANK OF COMMERCE
 DIRECTOR LEITCH, JOHN D.
 WITH ROBARTS, JOHN PARMENTER
 INDIRECT THRU CORNING GLASS WORKS
 DIRECTOR BURR, FRANCIS H.
 WITH HOUGHTON, J. R.
 INDIRECT THRU GENERAL MOTORS CORP.
 DIRECTOR FISCHER, CHARLES T., III
 WITH MCLAUGHLIN, W. EARLE
 AND SIVAGE, GERALD A.
 INDIRECT THRU STATE STREET INVESTMENT CORP.
 DIRECTOR BURR, FRANCIS H.
 WITH NICKERSON, ALBERT L.
 INDIRECT THRU UNITED STATES STEEL CORPORATION
 DIRECTOR BEERS, WILLIAM O.
 WITH SMILEY, DONALD B.
 MORGAN, J. P., AND CO., INC.
 INDIRECT THRU CANADA LIFE ASSURANCE CO.
 DIRECTOR LEITCH, JOHN D.
 WITH PATTERSON, ELLMORE C.
 INDIRECT THRU CORNING GLASS WORKS
 DIRECTOR BURR, FRANCIS H.
 WITH HOUGHTON, J. R.
 INDIRECT THRU GENERAL MOTORS CORP.
 DIRECTOR FISCHER, CHARLES T., III

WITH FALLON, WALTER A.
 AND MORGENS, HOWARD J.
 AND PATTERSON, ELLMORE C.
 INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR BEERS, WILLIAM O.
 WITH SHULTZ, GEORGE P.
 NEW YORK LIFE INSURANCE COMPANY
 INDIRECT THRU MANUFACTURERS HANOVER CORPORATION
 DIRECTOR BEERS, WILLIAM O.
 WITH FINLEY, JAMES O.
 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.
 INDIRECT THRU REPUBLIC OF TEXAS CORP.
 DIRECTOR ASTON, JAMES W.
 WITH MARCUS, STANLEY
 WESTERN BANCORPORATION
 INDIRECT THRU MCA, INC.
 DIRECTOR WASSERMAN, LEW R.
 WITH THORTON, CHARLES B.
 BRANIFF INTERNATIONAL CORPORATION INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 BANKERS TRUST NEW YORK CORP
 INDIRECT THRU DUN AND BRADSTREET COMPANIES, INC.
 DIRECTOR THAYER, RUSSELL
 WITH BROOKS, JOHN W.
 AND THAYER, WALTER N.
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU DUN AND BRADSTREET COMPANIES, INC.
 DIRECTOR THAYER, RUSSELL
 WITH NEWMAN, JAMES WILSON
 INDIRECT THRU PEPSICO INC.
 DIRECTOR LAY, HERMAN W.
 AND STEWART, ROBERT H., III
 WITH LEARSON, T. VINCENT
 CITICORP
 INDIRECT THRU PEPSICO INC.
 DIRECTOR LAY, HERMAN W.
 AND STEWART, ROBERT H., III
 WITH GARVIN, CLIFTON C., JR.
 MANUFACTURERS HANOVER CORPORATION
 INDIRECT THRU PEPSICO INC.
 DIRECTOR LAY, HERMAN W.
 AND STEWART, ROBERT H., III
 WITH LINDHOLM, WILLIAM L.
 DELTA AIR LINES CORPORATION INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 EQUITABLE LIFE ASSURANCE
 INDIRECT THRU RICH'S, INC.
 DIRECTOR HILL, JESSE, JR.
 WITH ALLEN, IVAN, JR.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 INDIRECT THRU MIDDLE SOUTH UTILITIES, INC.
 DIRECTOR FREEMAN, RICHARD W.
 WITH BENNETT, GEORGE F.
 METROPOLITAN LIFE INSURANCE COMPANY
 INDIRECT THRU RICH'S, INC.
 DIRECTOR HILL, JESSE, JR.
 WITH RAST, L. EDMUND
 MORGAN, J. P., AND CO., INC.
 INDIRECT THRU RICH'S, INC.
 DIRECTOR HILL, JESSE, JR.
 WITH AUSTIN, J. PAUL
 INDIRECT THRU TRUST COMPANY OF GEORGIA
 DIRECTOR DOLSON, CHARLES H.
 AND GARRETT, DAVID C., JR.
 WITH AUSTIN, J. PAUL
 EASTERN AIRLINES, INC. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 BANKAMERICA CORPORATION
 INDIRECT THRU DELTEC INTERNATIONAL, LTD.
 DIRECTOR PRINCE, WILLIAM WOOD
 WITH DILLINGHAM, LOWELL S.
 BANKERS TRUST NEW YORK CORP
 INDIRECT THRU CHUBB CORPORATION
 DIRECTOR PHALEN, CLIFTON W.
 WITH LAPHAM, LEWIS A.
 INDIRECT THRU CLUETT PEABODY AND CO., INC.
 DIRECTOR HALL, FLOYD D.
 WITH GELB, RICHARD L.
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU CHUBB CORPORATION

DIRECTOR PHALEN, CLIFTON W.
 WITH MOSBACHER, EMIL, JR.
 INDIRECT THRU NEW YORK TELEPHONE COMPANY
 DIRECTOR HALL, FLOYD D.
 WITH WALLACE, MARTHA REDFIELD
 INDIRECT THRU SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
 DIRECTOR SMITH, EDWARD D.
 WITH BROWN, CHARLES L.

CITICORP

INDIRECT THRU CBS, INC.
 DIRECTOR GILPATRIC, ROSWELL L.
 WITH THOMAS, FRANKLIN A.
 INDIRECT THRU CHUBB CORPORATION
 DIRECTOR PHALEN, CLIFTON W.
 WITH WRISTON, WALTER B.
 INDIRECT THRU CORNING GLASS WORKS
 DIRECTOR GILPATRIC, ROSWELL L.
 WITH HOUGHTON, AMORY, JR.
 AND PALMER, EDWARD LEWIS
 INDIRECT THRU GRACE, W. R., AND CO.
 DIRECTOR PHALEN, CLIFTON W.
 AND PRINCE, WILLIAM WOOD
 WITH MILLIKEN, ROGER
 AND JENKINS, GEORGE P.
 AND GRACE, J. PETER
 INDIRECT THRU KENNECOTT COPPER CORP.
 DIRECTOR PHALEN, CLIFTON W.
 WITH HATFIELD, ROBERT S.
 INDIRECT THRU NEW YORK TELEPHONE COMPANY
 DIRECTOR HALL, FLOYD D.
 WITH HOUGHTON, AMORY, JR.
 AND THOMAS, FRANKLIN A.

CONTINENTAL ILLINOIS CORPORATION

INDIRECT THRU COMMONWEALTH EDISON
 DIRECTOR PRINCE, WILLIAM WOOD
 WITH COREY, GORDON R.
 AND WRIGHT, JOSEPH S.

EQUITABLE LIFE ASSURANCE

INDIRECT THRU CORNING GLASS WORKS
 DIRECTOR GILPATRIC, ROSWELL L.
 WITH BURR, FRANCIS H.

FIRST CHICAGO CORPORATION

DIRECT THRU PRINCE, WILLIAM WOOD
 INDIRECT THRU COMMONWEALTH EDISON
 DIRECTOR PRINCE, WILLIAM WOOD
 WITH AYERS, THOMAS G.
 AND MCCORMICK, BROOKS
 AND SWIFT, A. DEAN

INDIRECT THRU GRACE, W. R., AND CO.
 DIRECTOR PHALEN, CLIFTON W.
 WITH PRINCE, WILLIAM WOOD

MANUFACTURERS HANOVER CORPORATION

INDIRECT THRU CLUETT PEABODY AND CO., INC.
 DIRECTOR HALL, FLOYD D.
 WITH HENLEY, HENRY H., JR.
 INDIRECT THRU NEW YORK TELEPHONE COMPANY
 DIRECTOR HALL, FLOYD D.
 WITH HAUGE, GABRIEL
 AND LINDHOLM, WILLIAM L.

METROPOLITAN LIFE INSURANCE COMPANY

INDIRECT THRU COMMONWEALTH EDISON
 DIRECTOR PRINCE, WILLIAM WOOD
 WITH JOHNSON, G. E.
 INDIRECT THRU CORNING GLASS WORKS
 DIRECTOR GILPATRIC, ROSWELL L.
 WITH HOUGHTON, J. R.
 INDIRECT THRU FIRST CHICAGO CORPORATION
 DIRECTOR PRINCE, WILLIAM WOOD
 WITH SIVAGE, GERALD A.
 INDIRECT THRU FIRST NATIONAL HOLDING CORP.
 DIRECTOR SMITH, EDWARD D.
 WITH RAST, L. EDMUND
 INDIRECT THRU GRACE, W. R., AND CO.
 DIRECTOR PHALEN, CLIFTON W.
 AND PRINCE, WILLIAM WOOD
 WITH JENKINS, GEORGE P.
 INDIRECT THRU ROYAL BANK OF CANADA, THE
 DIRECTOR HALL, FLOYD D.

WITH MCLAUGHLIN, W. EARLE
 INDIRECT THRU SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
 DIRECTOR SMITH, EDWARD D.
 WITH RAST, L. EDMUND
 MORGAN, J. P., AND CO., INC.
 INDIRECT THRU CORNING GLASS WORKS
 DIRECTOR GILPATRIC, ROSWELL L.
 WITH HOUGHTON, J. R.
 INDIRECT THRU KENNECOTT COPPER CORP.
 DIRECTOR PHALEN, CLIFTON W.
 WITH PAGE, WALTER H.
 NEW YORK LIFE INSURANCE COMPANY
 INDIRECT THRU CBS, INC.
 DIRECTOR GILPATRIC, ROSWELL L.
 WITH STANTON, FRANK
 AND THOMAS, FRANKLIN A.
 INDIRECT THRU NEW YORK TELEPHONE COMPANY
 DIRECTOR HALL, FLOYD D.
 WITH HAUGE, GABRIEL
 AND THOMAS, FRANKLIN A.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 INDIRECT THRU NEW YORK TELEPHONE COMPANY
 DIRECTOR HALL, FLOYD D.
 WITH YUNICH, DAVID L.
 NORTHWEST AIRLINES, INC. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 AETNA LIFE AND CASUALTY COMPANY
 INDIRECT THRU UNITED STATES STEEL CORPORATION
 DIRECTOR HERZOG, RAYMOND H.
 WITH FILER, JOHN H.
 AND RODERICK, DAVID M.
 BANKAMERICA CORPORATION
 INDIRECT THRU KAISER INDUSTRIES CORP.
 DIRECTOR LAND, JAMES N., JR.
 WITH KAISER, EDGAR F.
 CHASE MANHATTAN CORP.
 DIRECT THRU BINGER, JAMES H.
 INDIRECT THRU HONEYWELL, INC.
 DIRECTOR NYROP, DONALD W.
 WITH BINGER, JAMES H.
 INDIRECT THRU KODICOR, INC.
 DIRECTOR WAKEFIELD, LYMAN E., JR.
 WITH BINGER, JAMES H.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LAIRD, M. R.
 WITH SHINN, RICHARD R.
 INDIRECT THRU MINNESOTA MINING & MANUFACTURING CO.
 DIRECTOR HERZOG, RAYMOND H.
 WITH BINGER, JAMES H.
 INDIRECT THRU NORTHWESTERN BELL TELEPHONE CO.
 DIRECTOR NYROP, DONALD W.
 WITH BINGER, JAMES H.
 INDIRECT THRU UNITED STATES STEEL CORPORATION
 DIRECTOR HERZOG, RAYMOND H.
 WITH MYERS, CHARLES F., JR.
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU COMMUNICATIONS SATELLITE CORP.
 DIRECTOR LAIRD, M. R.
 WITH PLACE, JOHN B. M.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LAIRD, M. R.
 WITH FUNSTON, G. KEITH
 AND PLACE, JOHN B. M.
 INDIRECT THRU UNITED STATES STEEL CORPORATION
 DIRECTOR HERZOG, RAYMOND H.
 WITH WALKER, WILBERT A.
 CITICORP
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LAIRD, M. R.
 WITH JENKINS, GEORGE P.
 INDIRECT THRU UNITED STATES STEEL CORPORATION
 DIRECTOR HERZOG, RAYMOND H.
 WITH DEBUTTS, JOHN D.
 CONTINENTAL ILLINOIS CORPORATION
 INDIRECT THRU GOULD, INC.
 DIRECTOR NYROP, DONALD W.
 AND WAKEFIELD, LYMAN E., JR.
 WITH POTTER, KEITH R.
 EQUITABLE LIFE ASSURANCE

INDIRECT THRU CHASE MANHATTAN CORP.
DIRECTOR BINGER, JAMES H.
WITH EKLUND, C. G.

FIRST CHICAGO CORPORATION
INDIRECT THRU FIRST BANK SYSTEM, INC.
DIRECTOR HERZOG, RAYMOND H.
AND NYROP, DONALD W.
WITH MENK, LOUIS W.

INDIRECT THRU HONEYWELL, INC.
DIRECTOR NYROP, DONALD W.
AND BINGER, JAMES H.
WITH INGERSOLL, ROBERT S.

INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
DIRECTOR LAIRD, M. R.
WITH SIVAGE, GERALD A.

INDIRECT THRU MINNESOTA MINING & MANUFACTURING CO.
DIRECTOR BINGER, JAMES H.
AND HERZOG, RAYMOND H.
WITH MORGAN, LEE L.

INDIRECT THRU MINNESOTA MUTUAL LIFE INS. CO.
DIRECTOR NYROP, DONALD W.
WITH MENK, LOUIS W.

MANUFACTURERS HANOVER CORPORATION
INDIRECT THRU UNITED STATES STEEL CORPORATION
DIRECTOR HERZOG, RAYMOND H.
WITH BEERS, WILLIAM D.

METROPOLITAN LIFE INSURANCE COMPANY
DIRECT THRU LAIRD, M. R.
INDIRECT THRU CHASE MANHATTAN CORP.
DIRECTOR BINGER, JAMES H.
WITH SHINN, RICHARD R.

INDIRECT THRU COMMUNICATIONS SATELLITE CORP.
DIRECTOR LAIRD, M. R.
WITH HARPER, JOHN DICKESON
AND PLACE, JOHN B. M.

INDIRECT THRU UNITED STATES STEEL CORPORATION
DIRECTOR HERZOG, RAYMOND H.
WITH SMILEY, DONALD B.

MORGAN, J. P., AND CO., INC.
INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
DIRECTOR LAIRD, M. R.
WITH HOUGHTON, J. R.

PRUDENTIAL INSURANCE CO. OF AMERICA
INDIRECT THRU NORTHWESTERN BELL TELEPHONE CO.
DIRECTOR BINGER, JAMES H.
AND NYROP, DONALD W.
WITH MCFARLAND, JAMES P.

PAN AMERICAN WORLD AIRWAYS, INC. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
AETNA LIFE AND CASUALTY COMPANY
INDIRECT THRU GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DIRECTOR WISER, FORWOOD C., JR.
WITH TAYLOR, HOBART, JR.

BANKAMERICA CORPORATION
DIRECT THRU DILLINGHAM, LOWELL S.
INDIRECT THRU DILLINGHAM CORP.
DIRECTOR DILLINGHAM, LOWELL S.
WITH MCDANIEL, THOMAS M., JR.

BANKERS TRUST NEW YORK CORP.
INDIRECT THRU CELANESE CORP.
DIRECTOR ANDERSON, ROBERT B.
WITH JORDAN, VERNON E., JR.

INDIRECT THRU INTERNATIONAL BUSINESS MACHINES CORP.
DIRECTOR COLEMAN, WILLIAM T., JR.
AND WATSON, THOMAS J., JR.
WITH MOORE, WILLIAM H.

CHASE MANHATTAN CORP.
INDIRECT THRU BOSTON CO., INC.
DIRECTOR WISER, FORWOOD C., JR.
WITH VERITY, CALVIN WILLIAM, JR.

INDIRECT THRU CELANESE CORP.
DIRECTOR ANDERSON, ROBERT B.
WITH LILLEY, ROBERT D.

INDIRECT THRU INTERNATIONAL BUSINESS MACHINES CORP.
DIRECTOR COLEMAN, WILLIAM T., JR.
AND WATSON, THOMAS J., JR.
WITH HARRIS, PATRICIA R.

CHEMICAL NEW YORK CORPORATION
INDIRECT THRU ATLANTIC RICHFIELD COMPANY

DIRECTOR KENDALL, DONALD M.
 AND STANTON, FRANK
 WITH PLACE, JOHN B. M.
 INDIRECT THRU CELANESE CORP.
 DIRECTOR ANDERSON, ROBERT B.
 WITH PLACE, JOHN B. M.
 INDIRECT THRU INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 AND WATSON, THOMAS J., JR.
 WITH LEARSON, T. VINCENT
 AND FUNSTON, G. KEITH
 INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR STANTON, FRANK
 WITH PIVROTT, RICHARD R.
 AND RENCHARD, WILLIAM S.
 INDIRECT THRU PEPSICO INC.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 AND KENDALL, DONALD M.
 WITH LEARSON, T. VINCENT
 INDIRECT THRU TIME, INC.
 DIRECTOR WATSON, THOMAS J., JR.
 AND LINOWITZ, SOL M.
 WITH WARNER, RAWLEIGH, JR.
 CITICORP
 INDIRECT THRU CBS, INC.
 DIRECTOR STANTON, FRANK
 AND TREE, MARIETTA
 WITH THOMAS, FRANKLIN A.
 INDIRECT THRU GILLETTE CO.
 DIRECTOR ADAMS, CHARLES F.
 WITH FOURAKER, LAWRENCE E.
 INDIRECT THRU INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 AND WATSON, THOMAS J., JR.
 WITH HOUGHTON, AMORY, JR.
 AND SHAPIRO, IRVING S.
 INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR STANTON, FRANK
 WITH THOMAS, FRANKLIN A.
 INDIRECT THRU PEPSICO INC.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 AND KENDALL, DONALD M.
 WITH GARVIN, CLIFTON C., JR.
 CONTINENTAL ILLINOIS CORPORATION
 INDIRECT THRU INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 AND WATSON, THOMAS J., JR.
 WITH RIZZO, PAUL J.
 EQUITABLE LIFE ASSURANCE
 INDIRECT THRU GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 DIRECTOR WISER, FORWOOD C., JR.
 WITH AGEE, WILLIAM M.
 INDIRECT THRU LEHMAN CORP., THE
 DIRECTOR SEAWELL, WILLIAM T.
 WITH SEILER, LEWS P.
 FIRST CHICAGO CORPORATION
 INDIRECT THRU ATLANTIC RICHFIELD COMPANY
 DIRECTOR KENDALL, DONALD M.
 AND STANTON, FRANK
 WITH ANDERSON, ROBERT O.
 AND FREEMAN, GAYLORD
 AND INGERSOLL, ROBERT S.
 INDIRECT THRU DELTEC INTERNATIONAL, LTD.
 DIRECTOR DILLINGHAM, LOWELL S.
 WITH PRINCE, WILLIAM WOOD
 INDIRECT THRU TIME, INC.
 DIRECTOR WATSON, THOMAS J., JR.
 AND LINOWITZ, SOL M.
 WITH FREEMAN, GAYLORD
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 INDIRECT THRU AMERICAN ELECTRIC POWER COMPANY, INC.
 DIRECTOR STANTON, FRANK
 WITH GAVIN, JAMES M.
 INDIRECT THRU GILLETTE CO.
 DIRECTOR ADAMS, CHARLES F.
 WITH MOCKLER, COLMAN M., JR.
 INDIRECT THRU RAYTHEON CO.
 DIRECTOR ADAMS, CHARLES F.

AND HOGAN, WILLIAM J.
 WITH HILL, RICHARD DEVEREUX
 AND MOCKLER, COLMAN M., JR.
 AND PHILLIPS, THOMAS L.
 AND JONES, G. B.
 MANUFACTURERS HANOVER CORPORATION
 INDIRECT THRU AMAX, INC.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 WITH HAUGE, GABRIEL
 INDIRECT THRU EQUITABLE LIFE MORTGAGE & REALTY INVESTORS
 DIRECTOR ADAMS, CHARLES F.
 WITH MACIOCE, THOMAS M.
 AND MCPHERSON, RENE C.
 INDIRECT THRU GOODYEAR TIRE AND RUBBER COMPANY
 DIRECTOR ANDERSON, ROBERT B.
 WITH PILLIOD, CHARLES JULE, JR.
 INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR STANTON, FRANK
 WITH FINLEY, JAMES D.
 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.
 INDIRECT THRU PEPSICO INC.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 AND KENDALL, DONALD M.
 WITH LINDHOLM, WILLIAM L.
 METROPOLITAN LIFE INSURANCE COMPANY
 INDIRECT THRU ATLANTIC RICHFIELD COMPANY
 DIRECTOR KENDALL, DONALD M.
 AND STANTON, FRANK
 WITH PLACE, JOHN B. M.
 INDIRECT THRU CELANESE CORP.
 DIRECTOR ANDERSON, ROBERT B.
 WITH PLACE, JOHN B. M.
 INDIRECT THRU GOODYEAR TIRE AND RUBBER COMPANY
 DIRECTOR ANDERSON, ROBERT B.
 WITH HARPER, JOHN DICKESON
 INDIRECT THRU INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 AND WATSON, THOMAS J., JR.
 WITH FUNSTON, G. KEITH
 INDIRECT THRU RAYTHEON CO.
 DIRECTOR ADAMS, CHARLES F.
 AND HOGAN, WILLIAM J.
 WITH NICKERSON, ALBERT L.
 AND NICKERSON, ALBERT L.
 MORGAN, J. P., AND CO., INC.
 INDIRECT THRU INTERNATIONAL BUSINESS MACHINES CORP.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 AND WATSON, THOMAS J., JR.
 WITH CARY, FRANK T.
 INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR STANTON, FRANK
 WITH BROWN, R. MANNING, JR.
 NEW YORK LIFE INSURANCE COMPANY
 DIRECT THRU STANTON, FRANK
 INDIRECT THRU AMAX, INC.
 DIRECTOR COLEMAN, WILLIAM T., JR.
 WITH HAUGE, GABRIEL
 INDIRECT THRU ATLANTIC RICHFIELD COMPANY
 DIRECTOR KENDALL, DONALD M.
 WITH STANTON, FRANK
 INDIRECT THRU CBS, INC.
 DIRECTOR STANTON, FRANK
 AND TREE, MARIETTA
 WITH STANTON, FRANK
 AND THOMAS, FRANKLIN A.
 INDIRECT THRU HOSPITAL CORP. OF AMERICA
 DIRECTOR ANDERSON, ROBERT B.
 WITH PERKINS, RICHARD S.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 INDIRECT THRU BECTON DICKENSON AND COMPANY
 DIRECTOR WISER, FORWOOD C., JR.
 WITH DICKINSON, FAIRLEIGH S., JR.
 WESTERN BANCORPORATION
 INDIRECT THRU NORTHWEST NATURAL GAS CO.
 DIRECTOR ADAMS, CHARLES F.
 WITH VOSS, RALPH H.
 INDIRECT THRU ROCKWELL INTERNATIONAL CORP.

DIRECTOR ANDERSON, ROBERT B.
 WITH MUDD, HENRY T.
 TRANS WORLD AIRLINES, INC. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 BANKAMERICA CORPORATION
 INDIRECT THRU AMERICAN SECURITY CORP.
 DIRECTOR MCGHEE, GEORGE C.
 WITH BRIMMER, ANDREW F.
 INDIRECT THRU GENERAL DYNAMICS CORP.
 DIRECTOR CROWN, LESTER
 WITH LEWIS, DAVID SLOAN, JR.
 INDIRECT THRU MCA, INC.
 DIRECTOR THORTON, CHARLES B.
 WITH LUNDBORG, LOUIS B.
 INDIRECT THRU STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR PACKARD, DAVID
 WITH GRAY, JOHN R.
 BANKERS TRUST NEW YORK CORP
 INDIRECT THRU MUTUAL LIFE INSURANCE CO. OF NEW YORK
 DIRECTOR TILLINGHAST, CHARLES C.
 WITH BICKMORE, LEE S.
 CHASE MANHATTAN CORP.
 INDIRECT THRU BENDIX CORP.
 DIRECTOR LAFONTANT, JEWEL S.
 WITH EKLUND, C. G.
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR STEWART, PATRICIA CARRY
 WITH BARBER, CHARLES F.
 AND LILLEY, ROBERT D.
 INDIRECT THRU HEWLETT PACKARD CORP.
 DIRECTOR PACKARD, DAVID
 WITH HEWLETT, WILLIAM R.
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU BENDIX CORP.
 DIRECTOR LAFONTANT, JEWEL S.
 WITH VILA, GEORGE R.
 INDIRECT THRU BORDEN, INC.
 DIRECTOR STEWART, PATRICIA CARRY
 WITH RENCHARD, WILLIAM S.
 AND RICE, WILLIAM THOMAS
 AND MARUSI, AUGUSTINE R.
 INDIRECT THRU CATERPILLAR TRACTOR COMPANY
 DIRECTOR PACKARD, DAVID
 WITH WARNER, RAWLEIGH, JR.
 INDIRECT THRU MUTUAL LIFE INSURANCE CO. OF NEW YORK
 DIRECTOR TILLINGHAST, CHARLES C.
 WITH NEWMAN, JAMES WILSON
 CITICORP
 INDIRECT THRU MONSANTO CO.
 DIRECTOR SOMMER, CHARLES H., JR.
 WITH PALMER, EDWARD LEWIS
 AND HANLEY, JAMES W.
 INDIRECT THRU MUTUAL LIFE INSURANCE CO. OF NEW YORK
 DIRECTOR TILLINGHAST, CHARLES C.
 WITH PALMER, EDWARD LEWIS
 INDIRECT THRU PROCTER AND GAMBLE COMPANY
 DIRECTOR MCGHEE, GEORGE C.
 WITH OELMAN, ROBERT S.
 INDIRECT THRU STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR PACKARD, DAVID
 WITH HAYNES, HAROLD J.
 AND PIGOTT, CHARLES M.
 CONTINENTAL ILLINOIS CORPORATION
 DIRECT THRU LAFONTANT, JEWEL S.
 INDIRECT THRU ESMARCK, INC.
 DIRECTOR CROWN, LESTER
 WITH JOHNSON, WILLIAM B.
 AND RENEKER, ROBERT W.
 INDIRECT THRU GENERAL DYNAMICS CORP.
 DIRECTOR CROWN, LESTER
 WITH RENEKER, ROBERT W.
 INDIRECT THRU STONE CONTAINER CORP.
 DIRECTOR O'MALLEY, PATRICK L.
 WITH KARNES, WILLIAM G.
 EQUITABLE LIFE ASSURANCE
 INDIRECT THRU BENDIX CORP.
 DIRECTOR LAFONTANT, JEWEL S.
 WITH AGEE, WILLIAM M.
 AND EKLUND, C. G.

FIRST CHICAGO CORPORATION
 INDIRECT THRU CATERPILLAR TRACTOR COMPANY
 DIRECTOR PACKARD, DAVID
 WITH INGERSOLL, ROBERT S.
 AND MORGAN, LEE L.
 INDIRECT THRU ESMARCK, INC.
 DIRECTOR CROWN, LESTER
 WITH MCCORMICK, BROOKS
 INDIRECT THRU MCA, INC.
 DIRECTOR THORTON, CHARLES B.
 WITH DRICK, JOHN E.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 INDIRECT THRU HEWLETT PACKARD CORP.
 DIRECTOR PACKARD, DAVID
 WITH BENNETT, GEORGE F.
 MANUFACTURERS HANOVER CORPORATION
 INDIRECT THRU BORDEN, INC.
 DIRECTOR STEWART, PATRICIA CARRY
 WITH FINLEY, JAMES D.
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR STEWART, PATRICIA CARRY
 WITH HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPP, GEORGE G.
 METROPOLITAN LIFE INSURANCE COMPANY
 INDIRECT THRU ESMARCK, INC.
 DIRECTOR CROWN, LESTER
 WITH WALLIS, W. ALLEN
 INDIRECT THRU PROCTER AND GAMBLE COMPANY
 DIRECTOR MCGHEE, GEORGE C.
 WITH HARPER, JOHN DICKESON
 MORGAN, J. P., AND CO., INC.
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR STEWART, PATRICIA CARRY
 WITH LEACH, RALPH F.
 INDIRECT THRU MERCK & CO., INC.
 DIRECTOR TILLINGHAST, CHARLES C.
 WITH PAGE, WALTER H.
 INDIRECT THRU PROCTER AND GAMBLE COMPANY
 DIRECTOR MCGHEE, GEORGE C.
 WITH MORGENS, HOWARD J.
 NEW YORK LIFE INSURANCE COMPANY
 INDIRECT THRU BORDEN, INC.
 DIRECTOR STEWART, PATRICIA CARRY
 WITH FINLEY, JAMES D.
 AND RENCHARD, WILLIAM S.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 INDIRECT THRU STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR PACKARD, DAVID
 WITH WASSON, E. HORNSBY
 WESTERN BANCORPORATION
 DIRECT THRU THORTON, CHARLES B.
 INDIRECT THRU STANDARD OIL COMPANY OF CALIFORNIA
 DIRECTOR PACKARD, DAVID
 WITH KELLER, GEORGE M.
 UAL, INC. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 BANKAMERICA CORPORATION
 DIRECT THRU BRIMMER, ANDREW F.
 INDIRECT THRU PACIFIC GAS AND ELECTRIC COMPANY
 DIRECTOR COOLEY, RICHARD P.
 WITH WENTE, KARL L.
 BANKERS TRUST NEW YORK CORP
 INDIRECT THRU CONTINENTAL OIL COMPANY
 DIRECTOR NORSTAD, LAURIS
 WITH BLAUVELT, HOWARD W.
 INDIRECT THRU PACIFIC NORTHWEST BELL TELEPHONE CO.
 DIRECTOR JENKINS, WILLIAM M.
 WITH ELLINGHAUS, WILLIAM M.
 CHASE MANHATTAN CORP.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH SHINN, RICHARD R.
 INDIRECT THRU SCOTT PAPER CO.
 DIRECTOR JENKINS, WILLIAM M.
 WITH LAZARUS, RALPH
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU CONSOLIDATED EDISON CO OF NEW YORK

DIRECTOR LUCE, CHARLES F.
 WITH RENCHARD, WILLIAM S.
 AND WILLIAMS, FRANKLIN H.
 INDIRECT THRU DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH BROWN, CHARLES L.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH FUNSTON, G. KEITH
 AND PLACE, JOHN B. M.

CITICORP
 INDIRECT THRU DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH SHAPIRO, IRVING S.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH JENKINS, GEORGE P.
 INDIRECT THRU OHIO BELL TELEPHONE CO.
 DIRECTOR KNUDSEN, SEMON E.
 AND DE WINDT, E. MANDELL
 WITH OELMAN, ROBERT S.
 INDIRECT THRU SAFECO CORP.
 DIRECTOR JENKINS, WILLIAM M.
 WITH PIGOTT, CHARLES M.

CONTINENTAL ILLINOIS CORPORATION
 INDIRECT THRU CONTINENTAL OIL COMPANY
 DIRECTOR NORSTAD, LAURIS
 WITH HEWITT, WILLIAM A.
 INDIRECT THRU DEERE & CO.
 DIRECTOR CARLSON, EDWARD E.
 WITH HEWITT, WILLIAM A.
 INDIRECT THRU INTERNATIONAL HARVESTER COMPANY
 DIRECTOR BRIMMER, ANDREW F.
 WITH ANDERSON, ROGER E.
 AND POTTER, KEITH R.
 INDIRECT THRU QUAKER OATS CO.
 DIRECTOR STUART, ROBERT D., JR.
 WITH WOOD, ARTHUR M.

EQUITABLE LIFE ASSURANCE
 INDIRECT THRU CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR LUCE, CHARLES F.
 WITH MUMFORD, MILTON C.
 INDIRECT THRU CONTINENTAL OIL COMPANY
 DIRECTOR NORSTAD, LAURIS
 WITH BUEK, C. W.

FIRST CHICAGO CORPORATION
 DIRECT THRU CARLSON, EDWARD E.
 AND STUART, ROBERT D., JR.
 INDIRECT THRU DART INDUSTRIES, INC.
 DIRECTOR BARKES, CURTIS
 AND DART, JUSTIN W.
 AND DART, JUSTIN W.
 WITH CARLSON, EDWARD E.
 INDIRECT THRU DEERE & CO.
 DIRECTOR CARLSON, EDWARD E.
 WITH GRAHAM, WILLIAM B.
 INDIRECT THRU INTERNATIONAL HARVESTER COMPANY
 DIRECTOR BRIMMER, ANDREW F.
 WITH MCCORMICK, BROOKS
 AND MENK, LOUIS W.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH SIVAGE, GERALD A.
 INDIRECT THRU SEAFIRST CORP.
 DIRECTOR MULLIKIN, HARRY
 WITH CARLSON, EDWARD E.
 INDIRECT THRU WESTERN INTERNATIONAL HOTELS CO.
 DIRECTOR FERRIS, RICHARD J.
 AND MULLIKIN, HARRY
 WITH CARLSON, EDWARD E.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 INDIRECT THRU DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH JOHNSON, H. W.
 INDIRECT THRU PETRY-VAPPI CONSTRUCTION CO.
 DIRECTOR PETRY, NICHOLAS R.
 WITH VAPPI, C. VINCENT

MANUFACTURERS HANOVER CORPORATION

INDIRECT THRU CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR LUCE, CHARLES F.
 WITH BEINECKE, WILLIAM S.

METROPOLITAN LIFE INSURANCE COMPANY
 DIRECT THRU LUCE, CHARLES F.
 INDIRECT THRU ABITIBI PAPER CO., LTD.
 DIRECTOR NORSTAD, LAURIS
 WITH ROBERTS, JOHN PARMENTER

INDIRECT THRU ALUMINUM COMPANY OF AMERICA
 DIRECTOR CARLSON, EDWARD E.
 WITH HARPER, JOHN DICKESON

INDIRECT THRU FIRST CHICAGO CORPORATION
 DIRECTOR CARLSON, EDWARD E.
 AND STUART, ROBERT D., JR.
 WITH SIVAGE, GERALD A.

INDIRECT THRU PACIFIC GAS AND ELECTRIC COMPANY
 DIRECTOR COOLEY, RICHARD P.
 WITH SOLOMON, EMMETT G.

MORGAN, J. P., AND CO., INC.
 INDIRECT THRU DUPONT, E. I., DE NEMOURS AND CO.
 DIRECTOR BRIMMER, ANDREW F.
 WITH JOHNSON, H. W.

INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH HOUGHTON, J. R.

INDIRECT THRU OWENS-CORNING FIBERGLASS CORP.
 DIRECTOR NORSTAD, LAURIS
 WITH MORGENS, HOWARD J.

INDIRECT THRU SCOTT PAPER CO.
 DIRECTOR JENKINS, WILLIAM M.
 WITH DICKEY, CHARLES D., JR.

NEW YORK LIFE INSURANCE COMPANY
 INDIRECT THRU CONSOLIDATED EDISON CO OF NEW YORK
 DIRECTOR LUCE, CHARLES F.
 WITH PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.

PRUDENTIAL INSURANCE CO. OF AMERICA
 INDIRECT THRU SHENANDOAH OIL CORP.
 DIRECTOR STUART, ROBERT D., JR.
 WITH MCFARLAND, JAMES P.

ELECTRIC UTILITY INTERLOCKS

As discussed in part 1, section C (p. 16), the Federal Power Act and the Public Utility Holding Company Act both prohibit direct interlocks between electric utilities and certain financial institutions, unless permitted by the appropriate regulatory agencies, under public interest standards. However, the congressional intent of these prescriptions may have been thwarted by agency rules and legal interpretations which virtually exempt most banks from agency action. Recently, the new Federal Energy Regulatory Commission (formerly the Federal Power Commission) established an enforcement unit, and it is understood that its priorities will include review of the interlocks between financial institutions and the utilities.

Thus, the issue of interlocking directorates in the utility industries should be of current interest to the agencies and to the Congress.

The following is a computer print-out of indirect interlocks between the selected major electric utilities and major financial institutions:

ELECTRIC UTILITIES AND FINANCIAL INSTITUTION
INTERLOCKS

AMERICAN ELECTRIC POWER COMPANY, INC. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS

BANKAMERICA CORPORATION
INDIRECT THRU PAN AMERICAN WORLD AIRWAYS, INC.
DIRECTOR STANTON, FRANK
WITH DILLINGHAM, LOWELL S.

BANKERS TRUST NEW YORK CORP.
INDIRECT THRU HANNA MINING CO.
DIRECTOR BOESCHENSTEIN, WILLIAM W.
WITH MOORE, WILLIAM H.

CHASE MANHATTAN CORP.
INDIRECT THRU BENDIX CORP.
DIRECTOR FOLSOM, RICHARD G.
WITH EKLUND, C. G.

INDIRECT THRU FIRESTONE TIRE & RUBBER CO.
DIRECTOR MARKLEY, HERBERT E.
WITH BUTCHER, WILLARD C.

CHEMICAL NEW YORK CORPORATION
INDIRECT THRU ATLANTIC RICHFIELD COMPANY
DIRECTOR STANTON, FRANK
WITH PLACE, JOHN B. M.

INDIRECT THRU BENDIX CORP.
DIRECTOR FOLSOM, RICHARD G.
WITH VILA, GEORGE R.

INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
DIRECTOR STANTON, FRANK
WITH PIVIROTT, RICHARD R.
AND RENCHARD, WILLIAM S.

CITICORP
INDIRECT THRU CBS, INC.
DIRECTOR STANTON, FRANK
WITH THOMAS, FRANKLIN A.

INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
DIRECTOR STANTON, FRANK
WITH THOMAS, FRANKLIN A.

CONTINENTAL ILLINOIS CORPORATION
INDIRECT THRU BENDIX CORP.
DIRECTOR FOLSOM, RICHARD G.
WITH LAFONTANT, JEWEL S.

EQUITABLE LIFE ASSURANCE
INDIRECT THRU BENDIX CORP.
DIRECTOR FOLSOM, RICHARD G.
WITH AGEE, WILLIAM M.
AND EKLUND, C. G.

FIRST CHICAGO CORPORATION
INDIRECT THRU ATLANTIC RICHFIELD COMPANY
DIRECTOR STANTON, FRANK
WITH ANDERSON, ROBERT O.
AND FREEMAN, GAYLORD
AND INGERSOLL, ROBERT S.

INDIRECT THRU FMC FINANCE CORP.
DIRECTOR BOESCHENSTEIN, WILLIAM W.
WITH NEVIN, JOHN J.

INDIRECT THRU SANTA FE INDUSTRIES, INC.
DIRECTOR ZWIENER, KENNETH V.
WITH WOELFLE, ARTHUR W.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
DIRECT THRU GAVIN, JAMES M.

INDIRECT THRU HANNA MINING CO.
DIRECTOR BOESCHENSTEIN, WILLIAM W.
WITH BENNETT, GEORGE F.

INDIRECT THRU LITTLE, ARTHUR D., INC.
DIRECTOR FOLSOM, RICHARD G.
AND GAVIN, JAMES M.
WITH BLEICKEN, GERHARD D.
AND GAVIN, JAMES M.

INDIRECT THRU NEW ENGLAND MERCHANTS BANK
DIRECTOR GAVIN, JAMES M.
WITH MCELWEE, J. G.

MANUFACTURERS HANOVER CORPORATION
INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
DIRECTOR STANTON, FRANK
WITH FINLEY, JAMES D.
AND HAUGE, GABRIEL
AND MITCHELL, DAVID W.

METROPOLITAN LIFE INSURANCE COMPANY
INDIRECT THRU ATLANTIC RICHFIELD COMPANY
DIRECTOR STANTON, FRANK
WITH PLACE, JOHN B. M.

INDIRECT THRU UNION TANK CAR CO.
DIRECTOR ZWIENER, KENNETH V.
WITH WALLIS, W. ALLEN

MORGAN, J. P., AND CO., INC.
INDIRECT THRU JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
DIRECTOR GAVIN, JAMES M.
WITH JOHNSON, H. W.

INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
DIRECTOR STANTON, FRANK
WITH BROWN, R. MANNING, JR.

INDIRECT THRU OWENS-CORNING FIBERGLASS CORP.
DIRECTOR BOESCHENSTEIN, WILLIAM W.
WITH MORGENS, HOWARD J.

INDIRECT THRU SANTA FE INDUSTRIES, INC.
DIRECTOR ZWIENER, KENNETH V.
WITH PATTERSON, ELLMORE C.

NEW YORK LIFE INSURANCE COMPANY
DIRECT THRU STANTON, FRANK
INDIRECT THRU CBS, INC.
DIRECTOR STANTON, FRANK
WITH THOMAS, FRANKLIN A.

COMMONWEALTH EDISON INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS

AETNA LIFE AND CASUALTY COMPANY
INDIRECT THRU SEARLE, G. D., & CO.
DIRECTOR AYERS, THOMAS G.
WITH ROBICHAUD, BERYL (DR)

BANKAMERICA CORPORATION
INDIRECT THRU DELTEC INTERNATIONAL, LTD.
DIRECTOR PRINCE, WILLIAM WOOD
WITH DILLINGHAM, LOWELL S.

INDIRECT THRU INTERNATIONAL HARVESTER COMPANY
DIRECTOR MCCORMICK, BROOKS
WITH BRIMMER, ANDREW F.

CHASE MANHATTAN CORP.
INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
DIRECTOR JOHNSON, G. E.
WITH SHINN, RICHARD R.

INDIRECT THRU SEARS, ROEBUCK AND CO.
DIRECTOR AYERS, THOMAS G.
AND SWIFT, A. DEAN
WITH PACE, NORMA T.

INDIRECT THRU STANDARD OIL COMPANY OF INDIANA
DIRECTOR WRIGHT, JOSEPH S.
WITH SWEARINGEN, JOHN E.

CHEMICAL NEW YORK CORPORATION
INDIRECT THRU ALLSTATE INSURANCE CO.
DIRECTOR SWIFT, A. DEAN
WITH BUTTON, JAMES W.

INDIRECT THRU HOWART DEVELOPMENT CO.
DIRECTOR SWIFT, A. DEAN
WITH BUTTON, JAMES W.

INDIRECT THRU MARSH & MCLENNAN COMPANIES, INC.

DIRECTOR BARR, JOHN A.
 WITH WALKER, WILBERT A.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR JOHNSON, G. E.
 WITH FUNSTON, G. KEITH
 AND PLACE, JOHN B. M.
 INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 WITH BUTTON, JAMES W.
 INDIRECT THRU STANDARD OIL COMPANY OF INDIANA
 DIRECTOR WRIGHT, JOSEPH S.
 WITH WOOD, RICHARD D.

CITICORP
 INDIRECT THRU BETHLEHEM STEEL CORPORATION
 DIRECTOR WRIGHT, JOSEPH S.
 WITH JENKINS, GEORGE P.
 INDIRECT THRU GRACE, W. R., AND CO.
 DIRECTOR PRINCE, WILLIAM WOOD
 WITH MILLIKEN, ROGER
 AND JENKINS, GEORGE P.
 AND GRACE, J. PETER
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR JOHNSON, G. E.
 WITH JENKINS, GEORGE P.
 INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 WITH SPENCER, WILLIAM I.

CONTINENTAL ILLINOIS CORPORATION
 DIRECT THRU COREY, GORDON R.
 AND WRIGHT, JOSEPH S.
 INDIRECT THRU ALLSTATE INSURANCE CO.
 DIRECTOR SWIFT, A. DEAN
 WITH WOOD, ARTHUR M.
 INDIRECT THRU ESMARCK, INC.
 DIRECTOR MCCORMICK, BROOKS
 WITH JOHNSON, WILLIAM B.
 AND RENEKER, ROBERT W.
 INDIRECT THRU HOMART DEVELOPMENT CO.
 DIRECTOR SWIFT, A. DEAN
 WITH WOOD, ARTHUR M.
 INDIRECT THRU INTERNATIONAL HARVESTER COMPANY
 DIRECTOR MCCORMICK, BROOKS
 WITH ANDERSON, ROGER E.
 AND POTTER, KEITH R.
 INDIRECT THRU NORTHWEST INDUSTRIES, INC.
 DIRECTOR AYERS, THOMAS G.
 WITH BERE, JAMES F.
 INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 WITH WOOD, ARTHUR M.
 INDIRECT THRU STANDARD OIL COMPANY OF INDIANA
 DIRECTOR WRIGHT, JOSEPH S.
 WITH MALOTT, ROBERT H.
 AND YARRINGTON, BLAINE J.

INDIRECT THRU TRIBUNE COMPANY
 DIRECTOR AYERS, THOMAS G.
 WITH RENEKER, ROBERT W.
 INDIRECT THRU ZENITH RADIO CORP.
 DIRECTOR AYERS, THOMAS G.
 WITH WRIGHT, JOSEPH S.

FIRST CHICAGO CORPORATION
 DIRECT THRU AYERS, THOMAS G.
 AND MCCORMICK, BROOKS
 AND PRINCE, WILLIAM WOOD
 AND SWIFT, A. DEAN
 INDIRECT THRU INTERNATIONAL HARVESTER COMPANY
 DIRECTOR MCCORMICK, BROOKS
 WITH MENK, LOUIS W.
 INDIRECT THRU MARSHALL FIELD & CO.
 DIRECTOR ALLARD, JEAN
 AND DICK, ALBERT BLAKE, III
 WITH SIVAGE, GERALD A.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR JOHNSON, G. E.
 WITH SIVAGE, GERALD A.

INDIRECT THRU NORTHWEST INDUSTRIES, INC.
 DIRECTOR AYERS, THOMAS G.
 WITH FREEMAN, GAYLORD
 AND GRAHAM, WILLIAM B.
 AND GREY, JOHN D.
 AND HEINEMAN, BEN W.

INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 WITH AYERS, THOMAS G.
 AND SWIFT, A. DEAN

INDIRECT THRU STANDARD OIL COMPANY OF INDIANA
 DIRECTOR WRIGHT, JOSEPH S.
 WITH ABBODD, ROBERT A.

INDIRECT THRU SUNBEAM CORP.
 DIRECTOR WRIGHT, JOSEPH S.
 WITH GREY, JOHN D.
 AND GWINN, ROBERT P.

INDIRECT THRU ZENITH RADIO CORP.
 DIRECTOR AYERS, THOMAS G.
 AND WRIGHT, JOSEPH S.
 WITH AYERS, THOMAS G.
 AND NEVIN, JOHN J.

MANUFACTURERS HANOVER CORPORATION
 INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 WITH BEERS, WILLIAM O.

METROPOLITAN LIFE INSURANCE COMPANY
 DIRECT THRU JOHNSON, G. E.

INDIRECT THRU BETHLEHEM STEEL CORPORATION
 DIRECTOR WRIGHT, JOSEPH S.
 WITH JENKINS, GEORGE P.

INDIRECT THRU ESMARCK, INC.
 DIRECTOR MCCORMICK, BROOKS
 WITH WALLIS, W. ALLEN

INDIRECT THRU FIRST CHICAGO CORPORATION
 DIRECTOR AYERS, THOMAS G.
 AND MCCORMICK, BROOKS
 AND PRINCE, WILLIAM WOOD
 AND SWIFT, A. DEAN
 WITH SIVAGE, GERALD A.

INDIRECT THRU GRACE, W. R., AND CO.
 DIRECTOR PRINCE, WILLIAM WOOD
 WITH JENKINS, GEORGE P.

INDIRECT THRU MARSHALL FIELD & CO.
 DIRECTOR ALLARD, JEAN
 AND DICK, ALBERT BLAKE, III
 WITH SIVAGE, GERALD A.

MORGAN, J. P., AND CO., INC.
 INDIRECT THRU BETHLEHEM STEEL CORPORATION
 DIRECTOR WRIGHT, JOSEPH S.
 WITH FOY, LEWIS W.
 AND PATTERSON, ELLMORE C.

INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR JOHNSON, G. E.
 WITH HOUGHTON, J. R.

INDIRECT THRU SEARS, ROEBUCK AND CO.
 DIRECTOR AYERS, THOMAS G.
 AND SWIFT, A. DEAN
 WITH SHULTZ, GEORGE P.

NEW YORK LIFE INSURANCE COMPANY
 INDIRECT THRU MARSHALL FIELD & CO.
 DIRECTOR ALLARD, JEAN
 AND DICK, ALBERT BLAKE, III
 WITH BUDD, J. M.

CONSOLIDATED EDISON CO OF NEW YORK INTERLOCKS WITH MAJOR FINANCIAL INSTITUTION
 BANKAMERICA CORPORATION
 INDIRECT THRU UAL, INC.
 DIRECTOR LUCE, CHARLES F.
 WITH BRIMMER, ANDREW F.

BANKERS TRUST NEW YORK CORP
 INDIRECT THRU FORD MOTOR CO.
 DIRECTOR HEISKELL, MARIAN S.
 WITH CULLMAN, JOSEPH F., III

INDIRECT THRU NEW YORK TIMES CO
 DIRECTOR HEISKELL, MARIAN S.
 WITH MAY, WILLIAM F.

AND GELB, RICHARD L.
 CHASE MANHATTAN CORP.
 INDIRECT THRU ALLIED CHEMICAL CORP.
 DIRECTOR PERKINS, RICHARD S.
 WITH SHINN, RICHARD R.
 AND CONNOR, JOHN T.
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR PAINE, PETER S.
 WITH BARBER, CHARLES F.
 AND LILLEY, ROBERT D.
 INDIRECT THRU EQUITABLE LIFE ASSURANCE
 DIRECTOR MUMFORD, MILTON C.
 WITH EKLUND, C. G.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH SHINN, RICHARD R.
 CHEMICAL NEW YORK CORPORATION
 DIRECT THRU RENCHARD, WILLIAM S.
 AND WILLIAMS, FRANKLIN H.
 INDIRECT THRU BORDEN, INC.
 DIRECTOR RENCHARD, WILLIAM S.
 AND WIEN, LAWRENCE A.
 WITH RENCHARD, WILLIAM S.
 AND RICE, WILLIAM THOMAS
 AND MARUSI, AUGUSTINE R.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH FUNSTON, G. KEITH
 AND PLACE, JOHN B. M.
 INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.
 WITH PIVROTT, RICHARD R.
 AND RENCHARD, WILLIAM S.
 INDIRECT THRU TIME, INC.
 DIRECTOR HEISKELL, MARIAN S.
 WITH WARNER, RAWLEIGH, JR.
 CITICORP
 INDIRECT THRU ATLANTIC MUTUAL INSURANCE CO.
 DIRECTOR CONWAY, VIRGIL E.
 WITH GRACE, J. PETER
 INDIRECT THRU EQUITABLE LIFE ASSURANCE
 DIRECTOR MUMFORD, MILTON C.
 WITH SHELTON, ELEANOR H. B.
 INDIRECT THRU FORD MOTOR CO.
 DIRECTOR HEISKELL, MARIAN S.
 WITH DELMAN, ROBERT S.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH JENKINS, GEORGE P.
 INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.
 WITH THOMAS, FRANKLIN A.
 INDIRECT THRU SEAMAN'S BANK FOR SAVINGS
 DIRECTOR CONWAY, VIRGIL E.
 WITH BARNETT, FRANK E.
 INDIRECT THRU SOUTHERN PACIFIC COMPANY
 DIRECTOR PERKINS, RICHARD S.
 WITH HANLEY, JAMES W.
 EQUITABLE LIFE ASSURANCE
 DIRECT THRU MUMFORD, MILTON C.
 INDIRECT THRU CROWN ZELLERBACH CORP.
 DIRECTOR MUMFORD, MILTON C.
 WITH HENDRICKSON, ROBERT M.
 INDIRECT THRU FORD MOTOR CO.
 DIRECTOR HEISKELL, MARIAN S.
 WITH WHARTON, CLIFTON R.
 FIRST CHICAGO CORPORATION
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH SIVAGE, GERALD A.
 INDIRECT THRU TIME, INC.
 DIRECTOR HEISKELL, MARIAN S.
 WITH FREEMAN, GAYLORD
 INDIRECT THRU UAL, INC.
 DIRECTOR LUCE, CHARLES F.
 WITH CARLSON, EDWARD E.

AND STUART, ROBERT D., JR.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 INDIRECT THRU FORD MOTOR CO.
 DIRECTOR HEISKELL, MARIAN S.
 WITH BENNETT, GEORGE F.
 INDIRECT THRU ROCKEFELLER UNIVERSITY
 DIRECTOR HEISKELL, MARIAN S.
 WITH BENNETT, GEORGE F.
 MANUFACTURERS HANOVER CORPORATION
 DIRECT THRU BEINECKE, WILLIAM S.
 INDIRECT THRU BORDEN, INC.
 DIRECTOR RENCHARD, WILLIAM S.
 AND WIEN, LAWRENCE A.
 WITH FINLEY, JAMES D.
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR PAINE, PETER S.
 WITH HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPF, GEORGE G.
 INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.
 WITH FINLEY, JAMES D.
 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.
 INDIRECT THRU SOUTHERN PACIFIC COMPANY
 DIRECTOR PERKINS, RICHARD S.
 WITH MUNROE, GEORGE B.
 INDIRECT THRU SPERRY & HUTCHINSON CO.
 DIRECTOR BEINECKE, WILLIAM S.
 WITH MCGILLICUDDY, JOHN F.
 INDIRECT THRU STEVENS, J. P., & CO., INC.
 DIRECTOR CONWAY, VIRGIL E.
 WITH MITCHELL, DAVID W.
 AND FINLEY, JAMES D.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECT THRU LUCE, CHARLES F.
 INDIRECT THRU ALLIED CHEMICAL CORP.
 DIRECTOR PERKINS, RICHARD S.
 WITH SHINN, RICHARD R.
 INDIRECT THRU CHEMICAL NEW YORK CORPORATION
 DIRECTOR RENCHARD, WILLIAM S.
 AND WILLIAMS, FRANKLIN H.
 WITH PLACE, JOHN B. M.
 AND FUNSTON, G. KEITH
 INDIRECT THRU SPERRY & HUTCHINSON CO.
 DIRECTOR BEINECKE, WILLIAM S.
 WITH HOUGHTON, J. R.
 MORGAN, J. P., AND CO., INC.
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR PAINE, PETER S.
 WITH LEACH, RALPH F.
 INDIRECT THRU FORD MOTOR CO.
 DIRECTOR HEISKELL, MARIAN S.
 WITH BURGESS, CARTER L.
 INDIRECT THRU MERCK & CO., INC.
 DIRECTOR HEISKELL, MARIAN S.
 WITH PAGE, WALTER H.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR LUCE, CHARLES F.
 WITH HOUGHTON, J. R.
 INDIRECT THRU NEW YORK LIFE INSURANCE COMPANY
 DIRECTOR PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.
 WITH BROWN, R. MANNING, JR.
 INDIRECT THRU SPERRY & HUTCHINSON CO.
 DIRECTOR BEINECKE, WILLIAM S.
 WITH HOUGHTON, J. R.
 INDIRECT THRU STEVENS, J. P., & CO., INC.
 DIRECTOR CONWAY, VIRGIL E.
 WITH BROWN, R. MANNING, JR.
 NEW YORK LIFE INSURANCE COMPANY
 DIRECT THRU PERKINS, RICHARD S.
 AND RENCHARD, WILLIAM S.
 INDIRECT THRU BORDEN, INC.
 DIRECTOR RENCHARD, WILLIAM S.
 AND WIEN, LAWRENCE A.

WITH FINLEY, JAMES D.
 AND RENCHARD, WILLIAM S.
 INDIRECT THRU CHEMICAL NEW YORK CORPORATION
 DIRECTOR RENCHARD, WILLIAM S.
 AND WILLIAMS, FRANKLIN H.
 WITH PIVIROTT, RICHARD R.
 AND RENCHARD, WILLIAM S.
 INDIRECT THRU MANUFACTURERS HANOVER CORPORATION
 DIRECTOR BEINECKE, WILLIAM S.
 WITH FINLEY, JAMES D.
 AND HAUGE, GABRIEL
 AND MITCHELL, DAVID W.
 INDIRECT THRU SOUTHERN PACIFIC COMPANY
 DIRECTOR PERKINS, RICHARD S.
 WITH MONROE, GEORGE B.
 INDIRECT THRU STEVENS, J. P., & CO., INC.
 DIRECTOR CONWAY, VIRGIL E.
 WITH BROWN, R. MANNING, JR.
 AND MITCHELL, DAVID W.
 AND FINLEY, JAMES D.
 WESTERN BANCORPORATION
 INDIRECT THRU CROWN ZELLERBACH CORP.
 DIRECTOR MUMFORD, MILTON C.
 WITH ROTH, ROBERT W.
 INDIRECT THRU SOUTHERN PACIFIC COMPANY
 DIRECTOR PERKINS, RICHARD S.
 WITH MUDD, HENRY T.
 PACIFIC GAS AND ELECTRIC COMPANY INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 BANKAMERICA CORPORATION
 DIRECT THRU WENTE, KARL L.
 INDIRECT THRU PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR HASS, WALTER A.
 AND SOLOMON, EMMETT G.
 WITH DI GIORGIO, ROBERT
 INDIRECT THRU UAL, INC.
 DIRECTOR COOLEY, RICHARD P.
 WITH BRIMMER, ANDREW F.
 CHASE MANHATTAN CORP.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SOLOMON, EMMETT G.
 WITH SHINN, RICHARD R.
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SOLOMON, EMMETT G.
 WITH FUNSTON, G. KEITH
 AND PLAGE, JOHN B. M.
 CITICORP
 INDIRECT THRU DEL MONTE CORP.
 DIRECTOR EAMES, ALFRED W.
 AND BONNER, JOHN F.
 WITH PALMER, EDWARD LEWIS
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SOLOMON, EMMETT G.
 WITH JENKINS, GEORGE P.
 INDIRECT THRU SOUTHERN PACIFIC COMPANY
 DIRECTOR MILLER, RICHARD K.
 WITH HANLEY, JAMES W.
 EQUITABLE LIFE ASSURANCE
 INDIRECT THRU CROWN ZELLERBACH CORP.
 DIRECTOR DAHL, C. RAYMOND
 WITH HENDRICKSON, ROBERT M.
 AND MUMFORD, MILTON C.
 FIRST CHICAGO CORPORATION
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SOLOMON, EMMETT G.
 WITH SIVAGE, GERALD A.
 INDIRECT THRU UAL, INC.
 DIRECTOR COOLEY, RICHARD P.
 WITH CARLSON, EDWARD E.
 AND STUART, ROBERT D., JR.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 INDIRECT THRU LITTLE, ARTHUR D., INC.
 DIRECTOR HAIT, JAMES M.
 WITH BLEICKEN, GERHARD D.
 AND GAVIN, JAMES M.
 MANUFACTURERS HANOVER CORPORATION
 INDIRECT THRU SOUTHERN PACIFIC COMPANY
 DIRECTOR MILLER, RICHARD K.

WITH MUNROE, GEORGE B.
 METROPOLITAN LIFE INSURANCE COMPANY
 DIRECT THRU SOLOMON, EMMETT G.
 INDIRECT THRU PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR HASS, WALTER A.
 WITH SOLOMON, EMMETT G.
 INDIRECT THRU UAL, INC.
 DIRECTOR COOLEY, RICHARD P.
 WITH LUCE, CHARLES F.
 MORGAN, J. P., AND CO., INC.
 INDIRECT THRU METROPOLITAN LIFE INSURANCE COMPANY
 DIRECTOR SOLOMON, EMMETT G.
 WITH HOUGHTON, J. R.
 NEW YORK LIFE INSURANCE COMPANY
 INDIRECT THRU CROCKER NATIONAL CORPORATION
 DIRECTOR SOLOMON, EMMETT G.
 WITH HULL, JEROME W.
 INDIRECT THRU PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR HASS, WALTER A.
 AND SOLOMON, EMMETT G.
 WITH HULL, JEROME W.
 INDIRECT THRU SOUTHERN PACIFIC COMPANY
 DIRECTOR MILLER, RICHARD K.
 WITH MONROE, GEORGE B.
 AND PERKINS, RICHARD S.
 WESTERN BANCORPORATION
 INDIRECT THRU CROWN ZELLERBACH CORP.
 DIRECTOR DAHL, C. RAYMOND
 WITH ROTH, ROBERT W.
 INDIRECT THRU LITTON INDUSTRIES, INC.
 DIRECTOR COOK, RANSOM M.
 WITH THORTON, CHARLES B.
 INDIRECT THRU SOUTHERN PACIFIC COMPANY
 DIRECTOR MILLER, RICHARD K.
 WITH MUDD, HENRY T.
 PHILADELPHIA ELECTRIC COMPANY INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU COMMUNICATIONS SATELLITE CORP.
 DIRECTOR HAGERTY, WILLIAM W.
 WITH PLACE, JOHN B. M.
 METROPOLITAN LIFE INSURANCE COMPANY
 INDIRECT THRU ARA SERVICES, INC.
 DIRECTOR FISHMAN, WILLIAM S.
 WITH FITZHUGH, GILBERT W.
 INDIRECT THRU COMMUNICATIONS SATELLITE CORP.
 DIRECTOR HAGERTY, WILLIAM W.
 WITH HARPER, JOHN DICKESON
 AND LAIRD, M. R.
 AND PLACE, JOHN B. M.
 PUBLIC SERVICE ELECTRIC AND GAS CO. INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 BANKERS TRUST NEW YORK CORP
 INDIRECT THRU PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECTOR DAVIS, C. MALCOLM
 AND FOSTER, MARGERY SOMMERS
 WITH GORMAN, PAUL A.
 CHASE MANHATTAN CORP.
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR EBERLE, EDWARD R.
 AND SIVERD, CLIFFORD D.
 AND WENTWORTH, NATHAN A.
 WITH BARBER, CHARLES F.
 AND LILLEY, ROBERT D.
 INDIRECT THRU MUTUAL BENEFIT LIFE INSURANCE CO.
 DIRECTOR VAN FOSSAN, ROBERT V.
 WITH FURLAUD, RICHARD M.
 AND LILLEY, ROBERT D.
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU AMERADA HESS CORP.
 DIRECTOR VAN FOSSAN, ROBERT V.
 WITH RENCHARD, WILLIAM S.
 INDIRECT THRU FIDELITY UNION BANCORPORATION
 DIRECTOR DAVIS, C. MALCOLM
 AND EBERLE, EDWARD R.
 AND WENTWORTH, NATHAN A.
 WITH NEWMAN, JAMES WILSON
 CITICORP
 INDIRECT THRU INGERSOLL-RAND CO.
 DIRECTOR HALLSTEIN, D. WAYNE

WITH GRACE, J. PETER
 MANUFACTURERS HANOVER CORPORATION
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR EBERLE, EDWARD R.
 AND SIVERO, CLIFFORD D.
 AND WENTWORTH, NATHAN A.
 WITH HOLLAND, JEROME HEARTWELL
 AND RICKER, JOHN B., JR.
 AND WILSON, F. PERRY
 AND ZIPF, GEORGE G.
 METROPOLITAN LIFE INSURANCE COMPANY
 INDIRECT THRU FIDELITY UNION BANCORPORATION
 DIRECTOR DAVIS, C. MALCOLM
 AND EBERLE, EDWARD R.
 AND WENTWORTH, NATHAN A.
 WITH SMILEY, DONALD B.
 MORGAN, J. P., AND CO., INC.
 INDIRECT THRU CONTINENTAL CORPORATION, THE
 DIRECTOR EBERLE, EDWARD R.
 AND SIVERO, CLIFFORD D.
 AND WENTWORTH, NATHAN A.
 WITH LEACH, RALPH F.
 INDIRECT THRU INGERSOLL-RAND CO.
 DIRECTOR HALLSTEIN, D. WAYNE
 WITH PROCKNOW, DONALD E.
 INDIRECT THRU PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECTOR DAVIS, C. MALCOLM
 AND FOSTER, MARGERY SOMMERS
 WITH PROCKNOW, DONALD E.
 NEW YORK LIFE INSURANCE COMPANY
 INDIRECT THRU AMERADA HESS CORP.
 DIRECTOR VAN FOSSAN, ROBERT V.
 WITH RENCHARD, WILLIAM S.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 DIRECT THRU DAVIS, C. MALCOLM
 AND FOSTER, MARGERY SOMMERS
 INDIRECT THRU BECTON DICKENSON AND COMPANY
 DIRECTOR VAN FOSSAN, ROBERT V.
 WITH DICKINSON, FAIRLEIGH S., JR.
 INDIRECT THRU EAST RIVER SAVINGS BANK
 DIRECTOR WENTWORTH, NATHAN A.
 WITH YUNICH, DAVID L.
 INDIRECT THRU FIDELITY UNION BANCORPORATION
 DIRECTOR EBERLE, EDWARD R.
 AND WENTWORTH, NATHAN A.
 WITH DAVIS, C. MALCOLM
 INDIRECT THRU FIDELITY UNION TRUST CO.
 DIRECTOR EBERLE, EDWARD R.
 WITH DAVIS, C. MALCOLM
 INDIRECT THRU INGERSOLL-RAND CO.
 DIRECTOR HALLSTEIN, D. WAYNE
 WITH PROCKNOW, DONALD E.
 SOUTHERN CALIFORNIA EDISON COMPANY INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 BANKAMERICA CORPORATION
 DIRECT THRU MCDANIEL, THOMAS M., JR.
 INDIRECT THRU CARTER HAWLEY HALE STORES, INC.
 DIRECTOR BARKER, NORMAN, JR.
 AND HALE, STANTON G.
 AND CARTER, EDWARD W.
 WITH DI GIORGIO, ROBERT
 INDIRECT THRU DILLINGHAM CORP.
 DIRECTOR MCDANIEL, THOMAS M., JR.
 WITH DILLINGHAM, LOWELL S.
 INDIRECT THRU GETTY OIL CO.
 DIRECTOR LARKIN, FREDERICK G., JR.
 WITH MEDBERRY, C. J.
 INDIRECT THRU PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR HALE, STANTON G.
 WITH DI GIORGIO, ROBERT
 BANKERS TRUST NEW YORK CORP
 INDIRECT THRU AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH ELLINGHAUS, WILLIAM M.
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH BROWN, CHARLES L.
 AND WARNER, RAWLEIGH, JR.

WITH RAST, L. EDMUND
MORGAN, J. P., AND CO., INC.
INDIRECT THRU UNION CAMP CORP.
DIRECTOR VOGTLE, ALVIN W., JR.
WITH BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
INDIRECT THRU UNION CAMP CORP.
DIRECTOR VOGTLE, ALVIN W., JR.
WITH BROWN, R. MANNING, JR.

INDIRECT THRU LOCKHEED AIRCRAFT CORPORATION
 DIRECTOR HORTON, JACK K.
 WITH NEWMAN, JAMES WILSON

CITICORP
 INDIRECT THRU AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH DEBUTTS, JOHN D.

CONTINENTAL ILLINOIS CORPORATION
 INDIRECT THRU AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH HEWITT, WILLIAM A.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 INDIRECT THRU AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH HANIFY, EDWARD B.

MANUFACTURERS HANOVER CORPORATION
 INDIRECT THRU AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH HOLLAND, JEROME HEARTWELL
 AND LINDHOLM, WILLIAM L.

METROPOLITAN LIFE INSURANCE COMPANY
 INDIRECT THRU PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR HALE, STANTON G.
 WITH SOLOMON, EMMETT G.

NEW YORK LIFE INSURANCE COMPANY
 INDIRECT THRU CARTER HAWLEY HALE STORES, INC.
 DIRECTOR BARKER, NORMAN, JR.
 AND HALE, STANTON G.
 AND CARTER, EDWARD W.
 WITH MARCUS, STANLEY

INDIRECT THRU PACIFIC TELEPHONE & TELEGRAPH CO.
 DIRECTOR HALE, STANTON G.
 WITH HULL, JEROME W.

PRUDENTIAL INSURANCE CO. OF AMERICA
 INDIRECT THRU AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DIRECTOR CARTER, EDWARD W.
 WITH MACNAUGHTON, DONALD S.

INDIRECT THRU CARTER HAWLEY HALE STORES, INC.
 DIRECTOR BARKER, NORMAN, JR.
 AND HALE, STANTON G.
 AND CARTER, EDWARD W.
 WITH WASSON, E. HORNSBY

WESTERN BANCORPORATION
 DIRECT THRU BARKER, NORMAN, JR.
 AND CARTER, EDWARD W.
 AND HORTON, JACK K.

INDIRECT THRU CARNATION CO.
 DIRECTOR LARKIN, FREDERICK G., JR.
 WITH BARKER, NORMAN, JR.

INDIRECT THRU CARTER HAWLEY HALE STORES, INC.
 DIRECTOR BARKER, NORMAN, JR.
 AND HALE, STANTON G.
 AND CARTER, EDWARD W.
 WITH BARKER, NORMAN, JR.
 AND CARTER, EDWARD W.

INDIRECT THRU ROCKWELL INTERNATIONAL CORP.
 DIRECTOR LARKIN, FREDERICK G., JR.
 WITH MUDD, HENRY T.

INDIRECT THRU UNITED CALIFORNIA BANK
 DIRECTOR BARKER, NORMAN, JR.
 WITH KELLER, GEORGE M.

SOUTHERN COMPANY INTERLOCKS WITH MAJOR FINANCIAL INSTITUTIONS
 CHEMICAL NEW YORK CORPORATION
 INDIRECT THRU HOME INSURANCE CO.
 DIRECTOR HATCH, EDWIN I.
 WITH RICE, WILLIAM THOMAS

INDIRECT THRU SEABOARD COAST LINE INDUSTRIES, INC.
 DIRECTOR HATCH, EDWIN I.
 AND RADCLIFF, ROBERT H., JR.
 AND VOGTLE, ALVIN W., JR.
 WITH RICE, WILLIAM THOMAS

CITICORP
 INDIRECT THRU CUTLER-HAMMER, INC.
 DIRECTOR PATILLO, HOOPER GORDON
 WITH SMITH, DARWIN E.

METROPOLITAN LIFE INSURANCE COMPANY
 INDIRECT THRU FIRST NATIONAL HOLDING CORP.
 DIRECTOR HATCH, EDWIN I.

ANALYSIS 4. COMPANIES WHICH DIRECTLY INTERLOCK ON THE BOARDS OF SELECTED MAJOR CORPORATIONS

INTRODUCTION

The American practice of having officers and directors of major corporations sit on the boards of other corporations has led to a variety of vested interests being represented at the tables of corporate management. In most cases directors of the largest companies—particularly “outside” directors—wear two or more hats. They have multiple allegiances, often conflicting, which may result in less than objective advice and counsel. Indeed those corporate boards with a great number of large vested interests represented may be able to establish industry and interindustry policies for the benefit of those interests and to the detriment of those not so fortunate as to be represented on the boards.

In order to appreciate the extensive routes of information and potential consensus which can take place in the boardrooms of the largest corporations, the following is a computer listing of those companies represented by their directors on the boards of selected New York financial institutions and major nonfinancial corporations

COMPANIES WHICH HAVE DIRECT INTERLOCK ON THE BOARDS OF MAJOR NEW YORK FINANCIAL INSTITUTIONS
 COMPANIES DIRECTLY INTERLOCKED WITH AMERICAN EXPRESS COMPANY

ALCAN ALUMINUM, LTD.
 AMER. EXPRESS INT. BANKING CORP.
 AMERICAN CAN COMPANY
 AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
 AMERICAN STOCK EXCHANGE
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ANACONDA CO.
 AUTOMATIC DATA PROCESSING, INC.
 BANCOM GROUP INC.
 BANK OF CANADA
 BELL CANADA
 BOISE CASCADE CORP.
 BOWERY SAVINGS BANK
 BRISTOL-MYERS CO.
 BROWN BROS. HARRIMAN & CO.
 BROWN HARRIMAN & INTERNATIONAL BANK, LTD.
 BULLOCK FUND LTD.
 CANADA TRUST, HURON & ERIE MORTGAGE CORP
 CARRIERS & GENERAL CORP.
 CATERPILLAR TRACTOR COMPANY
 CHASE MANHATTAN CORP.
 CHEMICAL NEW YORK CORPORATION
 CLUETT PEABODY AND CO., INC.
 COCA-COLA CO.
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 CONTINENTAL OIL COMPANY
 CRUSADER INSURANCE CO.
 ODW JONES AND CO., INC.
 ELI LILLY & CO.
 FIREMAN'S FUND INSURANCE CO.
 FREEPORT MINERALS CO.
 FUJI XEROX CO., LTD.
 GATX CORP.
 GENERAL ELECTRIC COMPANY
 GENERAL FOODS CORP.
 GREAT NORTHERN NEKOOSA CORP.
 GREENWICH SAVINGS BANK
 HOLIDAY INNS, INC.
 HOME LIFE INSURANCE CO.
 HOWARD JOHNSON CO.
 INT. DEV. RESEARCH CENTER
 INTERCONTINENTAL REINSURANCE, LTD.
 INTERNATIONAL BUSINESS MACHINES CORP.
 KNUDSEN CORP.
 LUCE, HENRY, FOUNDATION, INC.
 MANUFACTURERS HANOVER CORPORATION
 MARCOR INC.
 MCGRAW-HILL
 MIDLANTIC NATIONAL CORP.
 MOBIL CORPORATION
 MURPHY OIL CORP.
 MUTUAL BENEFIT LIFE INSURANCE CO.
 NASHVILLE GAS CO.
 NEW YORK TELEPHONE COMPANY
 NORTON CO.
 OLIN CORP.
 OWENS-CORNING FIBERGLASS CORP.
 OWENS, R. C., CO.
 PERKIN-ELMER CORP.
 RANK XEROX, LTD.
 ROCKEFELLER FOUNDATION
 ROYAL DUTCH PETROLEUM CO.
 SCANDINAVIAN SECURITIES CORP.
 SCUDDER DUO-VEST EXCHANGE FUND, INC.
 SCUDDER DUO-VEST, INC.
 SHELL CANADA
 SOUTHERN NEW ENGLAND TELEPHONE CO.
 SQUIBB CORP.
 STONE & WEBSTER, INC.
 TENNESSEE NATURAL GAS LINES INC.
 TEXACO, INC.
 TI CORP. OF CALIFORNIA
 TIME, INC.
 TRANSMIX CORP.
 TRUST COMPANY OF GEORGIA
 UNION PACIFIC CORPORATION

UNITED CALIFORNIA BANK
 UNITED STATES STEEL CORPORATION
 UNITED STATES TRUST COMPANY
 WEST POINT-PEPPERELL, INC.
 XEROX CORP.

COMPANIES DIRECTLY INTERLOCKED WITH BANKERS TRUST NEW YORK CORP

ACF INDUSTRIES, INC.
 AMERICAN CAN COMPANY
 AMERICAN STANDARD INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BALL CORP.
 BALTIMORE GAS & ELECTRIC CO.
 BRISTOL-MYERS CO.
 CAMPBELL SOUP CO.
 CARRIER CORP.
 CELANESE CORP.
 CHUBB CORPORATION
 CLUETT PEABODY AND CO., INC.
 COLLINS & AIKMAN CORP.
 COMMONWEALTH FUND
 CONGOLUEM CORPORATION
 CONSUMERS POWER COMPANY
 CONTINENTAL OIL COMPANY
 CRANE CO.
 DUN AND BRADSTREET COMPANIES, INC.
 EATON CORP.
 FEDERAL INSURANCE CO.
 FEDERAL PAPER BOARD CO.
 FORD MOTOR CO.
 FREMONT BANCORPORATION
 GENERAL FOODS CORP.
 GENERAL TELEPHONE AND ELECTRONICS CORP.
 GREAT AMERICAN INDUSTRIES, INC.
 HANNA MINING CO.
 HART SCHAFFNER & MARX
 HEINZ, H. J., CO.
 HUDSONS BAY OIL & GAS CO., LTD
 HUYCK CORP.
 IBM WORLD TRADE EUROPE/MIDDLE EAST/AFRICA CORP.
 INTERNATIONAL BUSINESS MACHINES CORP.
 INTERNATIONAL HERALD TRIBUNE S. A.
 INTERNATIONAL MINERALS & CHEMICAL CORP.
 INTERNATIONAL PAPER CO.
 JOHNS MANVILLE CORP.
 KRAFTCO CORP.
 LIQUID AIR CORP. OF NORTH AMERICA
 MARCOR INC.
 MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
 MELVILLE CORP.
 MOBIL CORPORATION
 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 NABISCO, INC.
 NATIONAL CITY CORP.
 NATIONAL STEEL CORP.
 NEW YORK TIMES CO
 NEWMONT MINING CORP.
 NORTH AMERICAN PHILLIPS CORP.
 PACIFIC NORTHWEST BELL TELEPHONE CO.
 PACIFIC TELEPHONE AND TELEGRAPH COMPANY
 PENNEY, J. C., CO., INC.
 PHILLIP MORRIS & CO., LTD.
 PHILLIP MORRIS, INC.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 ROYAL GLOBE INSURANCE COMPANIES
 STRAUSS, LEVI & CO.
 THIOKAL CORP.
 THOMAS & BETTS CO.
 UOP, INC.
 WESTERN ELECTRIC CO., INC.
 XEROX CORP.

COMPANIES DIRECTLY INTERLOCKED WITH CHASE MANHATTAN CORP.

ACACIA MUTUAL LIFE INS. CO.
 ALLIED CHEMICAL CORP.
 ALLIED STORES CORP.
 AMERICAN EXPRESS COMPANY
 ARMCO STEEL CORP.
 ASARCO, INC.
 BENDIX CORP.

BOSTON CO., INC.
 BURLINGTON INDUSTRIES, INC.
 BUSINESS INTERNATIONAL
 CELANESE CANADA, LTD.
 CELANESE CORP.
 CHRYSLER CORPORATION
 CITIES SERVICE CO.
 CONTINENTAL CORPORATION, THE
 EQUITABLE LIFE ASSURANCE
 EXXON CORPORATION
 FEDERATED DEPARTMENT STORES, INC.
 FIRESTONE TIRE & RUBBER CO.
 FIRST NATIONAL BANK (MIDDLETOWN)
 GENERAL ELECTRIC COMPANY
 GENERAL FOODS CORP.
 GENERAL MOTORS CORP.
 HEWLETT PACKARD CORP.
 HONEYWELL, INC.
 INTERNATIONAL BASIC ECONOMY CORP.
 INTERNATIONAL BUSINESS MACHINES CORP.
 INTERNATIONAL EXECUTIVE SERVICE CORP.
 INTERNATIONAL PAPER CO.
 JEFFERSON-PILOT CORP.
 KAISER FOUNDATION HOSPITAL & HEALTH PLAN
 KODICOR, INC.
 MACY, R. H., AND CO., INC.
 MAY DEPT. STORES CO.
 MEAD CORP.
 METROPOLITAN LIFE INSURANCE COMPANY
 MILTON BRADLEY CO.
 MINNESOTA MINING & MANUFACTURING CO.
 MUTUAL BENEFIT LIFE INSURANCE CO.
 NATIONAL REINSURANCE CORP.
 NORLIN CORP.
 NORTHWEST AIRLINES, INC.
 NORTHWESTERN BELL TELEPHONE CO.
 NORTON SIMON, INC.
 OLIN CORP.
 OMEGA FUND, INC.
 PEOPLES GAS CO.
 PFIZER INC.
 REYNOLDS, R. J., INDUSTRIES, INC.
 RICHARDSON MERRELL INC.
 ROCKEFELLER CENTER, INC.
 ROCKEFELLER FAMILY & ASSOCIATES
 SCOTT PAPER CO.
 SEARS, ROEBUCK AND CO.
 SPERRY RAND CORP.
 SQUIBB CORP.
 STANDARD OIL COMPANY OF INDIANA
 TAFT BROADCASTING CO.
 UNION CARBIDE CORPORATION
 UNITED STATES STEEL CORPORATION
 UTAH INTERNATIONAL, INC.
 WACHOVIA CORP.
 WARNER-LAMBERT CO.
 COMPANIES DIRECTLY INTERLOCKED WITH CHEMICAL NEW YORK CORPORATION
 ADAMS EXPRESS CO.
 ALLSTATE INSURANCE CO.
 AMERADA HESS CORP.
 AMERICAN CAN COMPANY
 AMERICAN EXPRESS COMPANY
 AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
 AMERICAN STANDARD INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ANACONDA CO.
 ARABIAN OIL CO./
 ARAMCO
 ARMSTRONG RUBBER CO.
 ASSOCIATED DRY GOODS CORP.
 ATLANTIC RICHFIELD COMPANY
 AVCO CORP.
 AVON PRODUCTS, INC.
 BAKER INDUSTRIES INC.
 BALDWIN SECURITIES CORP.
 BARNES GROUP, INC.
 BENDIX CORP.
 BORDEN, INC.

BOWERY SAVINGS BANK
 BRISTOL-MYERS CO.
 BUCK ENGINEERING CO., INC.
 C. I. REALTY INVESTORS
 CATERPILLAR TRACTOR COMPANY
 CELANESE CORP.
 CHEMICAL BANK
 CHUBB CORPORATION
 CHURCH & DWIGHT CO., INC.
 CLEVELAND CLIFFS IRON CO.
 COMMUNICATIONS SATELLITE CORP.
 CONSOLIDATED EDISON CO OF NEW YORK
 COPELAND CORP.
 CPC INTERNATIONAL, INC.
 CUMMINS ENGINE CO., INC.
 DUN AND BRADSTREET COMPANIES, INC.
 DUPONT, E. I., DE NEMOURS AND CO.
 ELI LILLY & CO.
 EXXON CORPORATION
 FEDERAL INSURANCE CO.
 FIDELITY UNION BANCORPORATION
 FIRST & MERCHANTS CORP.
 FLORIDA FIRST NATIONAL OF JACKSONVILLE
 FREEPORT MINERALS CO.
 GENERAL AMERICAN INVESTORS CO, INC.
 GENERAL ELECTRIC COMPANY
 GENERAL FOODS CORP.
 GLOBAL MARINE, INC.
 GOELET ESTATE CO.
 GOELET REALTY CO.
 GRANITEVILLE COMPANY
 HARRIS BANKCORP INC.
 HART SCHAFFNER & MARX
 HARTFORD STEAM BOILER INSPECTION & INSURANCE CO.
 HARTZ MOUNTAIN CORP.
 HILLMAN COMPANY
 HOMART DEVELOPMENT CO.
 HOME INSURANCE CO.
 HOME LIFE INSURANCE CO.
 IC INDUSTRIES, INC.
 INTERNATIONAL BUSINESS MACHINES CORP.
 INTERNATIONAL PAPER CO.
 LEBLOND, INC.
 LEVER BROTHERS
 LOCKHEED AIRCRAFT CORPORATION
 LUCE, HENRY, FOUNDATION, INC.
 MARCOR INC.
 MARSH & MCLENNAN COMPANIES, INC.
 METROPOLITAN LIFE INSURANCE COMPANY
 MOBIL CORPORATION
 MOLLER INDUSTRIES, INC.
 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 NATIONAL AVIATION & TECHNOLOGY CORP.
 NATIONAL STEEL CORP.
 NEW YORK LIFE INSURANCE COMPANY
 NEW YORK TELEPHONE COMPANY
 PAUL REVERE INVESTORS, INC.
 PEPSICO INC.
 PHELPS-STOKES FUND
 PITTSBURGH NATIONAL CORP.
 PUTNAM TRUST CO.
 REPUBLIC STEEL CORP.
 RHODE ISLAND CORP.
 SCUDDER DUO-VEST EXCHANGE FUND, INC.
 SCUDDER DUO-VEST, INC.
 SEABOARD COAST LINE INDUSTRIES, INC.
 SEARS, ROEBUCK AND CO.
 SHAKESPEARE CO.
 SIMPSON-SEARS LTD.
 SOUTHEAST FIRST BANK OF LARGO, FLORIDA
 SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
 STANDARD OIL COMPANY OF INDIANA
 THOMSON-NEWSPAPERS, INC.
 TIME, INC.
 UNIROYAL INC.
 UNITED MERCHANTS & MANUFACTURERS, INC.
 UNITED STATES STEEL CORPORATION
 VIGILANT INSURANCE CO.

WESTINGHOUSE ELECTRIC CORPORATION
 WIN DIXIES STORES, INC.
 COMPANIES DIRECTLY INTERLOCKED WITH CITICORP
 AETNA LIFE AND CASUALTY COMPANY
 ALLIED STORES CORP.
 AMERICAN BROADCASTING COMPANIES
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ARLEN REALTY & DEVELOPMENT CORP.
 ASIA PACIFIC CAPITAL CORP.
 ATLANTIC MUTUAL INSURANCE CO.
 BANK OF DELAWARE
 BEATRICE FOODS CO.
 BETHLEHEM STEEL CORPORATION
 BLOOMFIELD SAVINGS BANK
 BOEING CO.
 BROWN & ROOT, INC.
 CBS, INC.
 CHICAGO TITLE INSURANCE CO.
 CHUBB CORPORATION
 CITIBANK, N. A.
 CONTINENTAL AMERICAN LIFE INS. CO.
 CONTINENTAL GROUP, INC.
 CORNING GLASS WORKS
 CORNING INTERNATIONAL CORP.
 CUMMINS ENGINE CO., INC.
 CUTLER-HAMMER, INC.
 DEL MONTE CORP.
 DEPOSITORY TRUST CO.
 DOW CORNING CORP.
 DUPONT, E. I., DE NEMOURS AND CO.
 EASTMAN KODAK COMPANY
 EQUITABLE LIFE ASSURANCE
 EXXON CORPORATION
 FALCONBRIDGE NICKEL MINES LTD.
 FORD MOTOR CO.
 FUJI XEROX CO., INC.
 GENERAL ELECTRIC COMPANY
 GENERAL ELECTRIC COMPANY LTD.
 GENERAL MOTORS CORP.
 GILLETTE CO.
 GRACE, W. R., AND CO.
 HALLIBURTON CO.
 HENDY INTERNATIONAL CO.
 HIGHLANDS INSURANCE CO.
 HORN CONSTRUCTION CO.
 INGERSOLL-RAND CO.
 INTERNATIONAL BANKING CORP.
 INTERNATIONAL BUSINESS MACHINES CORP.
 JEWEL COMPANIES, INC.
 KENNECOTT COPPER CORP.
 KIMBERLY-CLARK CORP.
 KOPPERS CO., INC.
 KRAFTCO CORP.
 LIFE INSURANCE CO OF THE SOUTHWEST
 LLOYDS BANK LTD.
 MACY, R. H., AND CO., INC.
 MAY DEPT. STORES CO.
 MCCONE, JOHN A.
 MERCANTILE BANK OF CANADA
 MERCANTILE STORES CO., INC.
 METROPOLITAN LIFE INSURANCE COMPANY
 MILLIKEN & CO.
 MOBIL CORPORATION
 MONSANTO CO.
 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 NATIONAL BROADCASTING CO., INC.
 NATIONAL NUCLEAR CORPORATION LTD.
 NCR CORP.
 NEW ENGLAND MUTUAL LIFE INSURANCE CO.
 NEW YORK LIFE INSURANCE COMPANY
 NEW YORK TELEPHONE COMPANY
 OHIO BELL TELEPHONE CO.
 OMEGA FUND, INC.
 OTIS ELEVATOR CO.
 OTIS ENGINEERING CORP.
 OWENS-ILLINOIS, INC.
 PACCAR INC.
 PENNEY, J. C., CO., INC.

PEPSICO INC.
 PHELPS DODGE CORP.
 PRATT & WHITNEY AIRCRAFT OF CANADA, LTD.
 PROCTER AND GAMBLE COMPANY
 RAND CORP.
 RANK XEROX, LTD.
 RCA CORP.
 SAFECO CORP.
 SEAMAN'S BANK FOR SAVINGS
 SEARS, ROEBUCK AND CO.
 SO. PACIFIC TRANSPORTATION CO.
 SOUTHERN PACIFIC COMPANY
 ST. REGIS PAPER CO.
 STANDARD OIL COMPANY OF CALIFORNIA
 STANFORD RESEARCH INST.
 STONE & WEBSTER, INC.
 SUN ALLIANCE & LONDON INSURANCE LTD.
 TEXAS EASTERN TRANSMISSION CORP.
 UNION PACIFIC CORPORATION
 UNITED STATES STEEL CORPORATION
 UNITED TECHNOLOGIES CORP.
 WESTINGHOUSE ELECTRIC CORPORATION
 WESTLAND AIRCRAFT LTD.
 WINTERS NATIONAL CORP.
 XEROX CORP.

COMPANIES DIRECTLY INTERLOCKED WITH EQUITABLE LIFE ASSURANCE

ACME PRINTING INK CO.
 ADVANCE INVESTORS CORP.
 ALLEN, IVAN, CO.
 AMCO INVESTMENT CO.
 AMERICAN AIR LINES, INC.
 ASSOCIATED DRY GOODS CORP.
 ATCO INDUSTRIES INC.
 BENDIX CORP.
 BIRDALL, DANIEL, CO., INC.
 BLACK AND DECKER MANUFACTURING COMPANY
 BURLINGTON NORTHERN, INC.
 BURROUGHS CORP.
 CAMPBELL SOUP CO.
 CARSON PIRIE SCOTT & CO.
 CERTAIN-TEED CORP.
 CHASE MANHATTAN CORP.
 CHICAGO TITLE AND TRUST CO.
 CITICORP
 COLGATE PALMOLIVE CO.
 COMMERCIAL UNION ASSURANCE CO., LTD.
 COMMERCIAL UNION CORP.
 CONSOLIDATED EDISON CO OF NEW YORK
 CONTINENTAL OIL COMPANY
 CORNING GLASS WORKS
 CORPORATE PROPERTY INVESTORS, INC.
 COX BROADCASTING CO.
 CPC INTERNATIONAL, INC.
 CROWN ZELLERBACH CORP.
 CRUTCHER RESOURCES CORP.
 DEPOSITORY TRUST CO.
 EDIE SPECIAL GROWTH FUND
 ELFUN TRUSTS
 EQUITABLE LIFE MORTGAGE & REALTY INVESTO
 EXXON CORPORATION
 FEDERAL STREET FUND
 FIDUCIARY TRUST CO OF NEW YORK
 FIRST NATIONAL BANK OF BOSTON
 FISHER SCIENTIFIC CO.
 FORD MOTOR CO.
 FUNDAMERICA OF JAPAN
 GLENMORE DISTILLERIES CO.
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 HARLEM SAVINGS BANK
 HARPER & ROW PUBLISHERS, INC.
 HUYCK CORP.
 INTERNATIONAL TRADE MART
 J. HENRY SCHRODER BANKING CORP.
 KINNEY SHOE CORP.
 KLEINWORT BENSON INTERNATIONAL FUND
 LEHMAN CORP., THE
 LEVER BROTHERS CO.
 MALNAR, LTD.

MEAD CORP.
 MELLON NATIONAL CORPORATION
 MERCANTILE TEXAS CORP
 MERRILL LYNCH CAPITAL FUND
 MERRILL LYNCH READY FUND
 MOBIL CORPORATION
 MORRISON-KNUDSEN CO., INC.
 NATIONAL STARCH AND CHEMICAL
 NEW ENGLAND ELECTRIC SYSTEM
 ONE WILLIAM STREET FUND
 RAND CORP.
 RICH'S, INC.
 ROBES & GREY
 ROCKEFELLER FOUNDATION
 SIDLEY & AUSTIN
 SIERRA RESEARCH CORP.
 SMITH BARNEY EQUITY FUND, INC.
 SMITH BARNEY INCOME AND GROWTH FUND
 SOUTHERN BELL TELEPHONE & TELEGRAPH CORP
 SOUTHWORTH COMPANY
 STATE STREET INVESTMENT CORP.
 THIRD CENTURY CORPORATION
 THOMAS J. LIPTON, INC.
 TRANSATLANTIC FUND, INC.
 UNION WARREN SAVINGS
 UNITED STATES TRUST COMPANY
 WALKER, WM. C., AND SONS, INC.
 WEYERHAUSER COMPANY
 WOOLWORTH, F. W., CO.
 COMPANIES DIRECTLY INTERLOCKED WITH MANUFACTURERS HANOVER CORPORATION
 AIR FINANCE CORP.
 ALLIED STORES CORP.
 ALLIS-CHALMERS CORP.
 AMAX, INC.
 AMERICAN AIR LINES, INC.
 AMERICAN BROADCASTING COMPANIES
 AMERICAN EXPRESS COMPANY
 AMERICAN HOME PRODUCTS CORP.
 AMERICAN STANDARD INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 AMF INC.
 ARMSTRONG CORK CO.
 AVON PRODUCTS, INC.
 AYERST INTERNATIONAL, INC.
 BABCOCK AND WILCOX CO.
 BELL TELEPHONE LABORATORIES, INC.
 BIGLOW-SANFORD, INC.
 BORDEN, INC.
 BRISTOL-MYERS CO.
 BROOKLYN UNION GAS CO.
 BROWN BROTHERS CORP., LTD.
 CARTE BLANCHE CORP.
 CHAMPION SPARK PLUG CO.
 CHRYSLER CORPORATION
 CITIES SERVICE CO.
 CLUETT PEABODY AND CO., INC.
 CONSOLIDATED EDISON CO OF NEW YORK
 CONTINENTAL COMPANY
 CONTINENTAL CORPORATION, THE
 CONTINENTAL GROUP, INC.
 CPC INTERNATIONAL, INC.
 CYLBRO CORP.
 DANA CORP.
 DISCOUNT CORP. OF NEW YORK
 DRY DOCK SAVINGS BANK
 EQUITABLE LIFE MORTGAGE & REALTY INVESTORS
 FEDERATED DEPARTMENT STORES, INC.
 FRANKLIN UNITED LIFE INSURANCE CO.
 GENERAL AMERICAN INVESTORS, INC.
 GENERAL ELECTRIC COMPANY
 GENERAL FOODS CORP.
 GOODYEAR TIRE AND RUBBER COMPANY
 GULF UNITED CORP.
 HERCULES INC.
 HILTON HOTELS CORP.
 HOME LIFE INSURANCE CO.
 INTERNATIONAL CHEMICAL CO., LTD.
 JOHNS MANVILLE CORP.

KRAFTCO CORP.
 MACY, R. H., AND CO., INC.
 MANUFACTURERS HANOVER TRUST CO.
 MCGUIRE, T. G.
 NATIONAL INVESTMENT BANK FOR INDUSTRIAL DEVELOPMENT
 NEW YORK LIFE INSURANCE CO.
 NEW YORK LIFE INSURANCE COMPANY
 NEW YORK STOCK EXCHANGE
 NEW YORK TELEPHONE COMPANY
 PEPSICO INC.
 PHELPS DODGE CORP.
 PHOENIX ASSURANCE CO OF NEW YORK
 PROCTER AND GAMBLE CO.
 REYNOLDS METALS CO.
 SAS, INC.
 SEARS, ROEBUCK AND CO.
 SMITH, A. O., CORP.
 SOUTHERN PACIFIC COMPANY
 SOUTHERN PERU COPPER CORP.
 SPERRY & HUTCHINSON CO.
 SPERRY RAND CORP.
 SPERRY RAND FINANCIAL CORP.
 STEVENS, J. P., & CO., INC.
 SUBURBAN PROPANE GAS CO.
 TURNER MANUFACTURING CO., LTD.
 UNION CARBIDE CORPORATION
 UNITED STATES STEEL CORPORATION
 VITA PAKT CITRUS PRODUCTS CO.
 WESTERN NUCLEAR, INC.
 WESTINGHOUSE ELECTRIC CORPORATION
 WYETH LABORATORIES
 ZURN INDUSTRIES, INC.
 COMPANIES DIRECTLY INTERLOCKED WITH METROPOLITAN LIFE INSURANCE COMPANY
 ABITIBI PAPER CO., LTD.
 ADAMS, DUQUE & HAZELTINE
 ADELA INVESTMENT CO., S. A.
 ALGOMA STEEL CORP., LTD.
 ALLIED CHEMICAL CANADA, LTD.
 ALLIED CHEMICAL CORP.
 ALMADEN VINEYARDS INC.
 ALUMINUM COMPANY OF AMERICA
 AMERICAN BROADCASTING COMPANIES
 AMERICAN EUROPEAN ASSOCIATES
 ANACONDA CO.
 ARA SERVICES, INC.
 ATLANTIC RICHFIELD COMPANY
 AVCO CORP.
 BAUSCH & LOMB INC.
 BELL CANADA
 BETHLEHEM STEEL CORPORATION
 BLOOMFIELD SAVINGS BANK
 BOWERY SAVINGS BANK
 BURN FOODS, LTD.
 CANADIAN IMPERIAL BANK OF COMMERCE
 CANADIAN PACIFIC LTD.
 CELANESE CORP.
 CHARTER NEW YORK CORP.
 CHASE MANHATTAN CORP.
 CHEMICAL NEW YORK CORPORATION
 CHESAPEAKE & POTOMAC TELEPHONE CO.
 CHICAGO PNEUMATEC TOOL CO.
 CITIBANK, N. A.
 CITICORP
 CLOROX COMPANY
 COMMONWEALTH EDISON
 COMMUNICATIONS SATELLITE CORP.
 CONSOLIDATED EDISON CO OF NEW YORK
 CORNING GLASS WORKS
 CORNING INTERNATIONAL CORP.
 CROCKER NATIONAL CORPORATION
 CRUTCHER RESOURCES CORP.
 DOW CORNING CORP.
 EASTMAN KODAK COMPANY
 EMPIRE STATE POWER RESOURCES, INC.
 ESMARCK, INC.
 EXXON CORPORATION
 FEDERAL RESERVE BANK OF NEW YORK
 FEDERAL STREET FUND, INC.

FIBREBOARD CORPORATION
 FIDELITY UNION BANCORPORATION
 FIRST CHICAGO CORPORATION
 FIRST NATIONAL HOLDING CORP.
 FIRST WISCONSIN CORP.
 GAB BUSINESS SERVICES, INC.
 GARFINKEL BROTHERS, INC.
 GENERAL CABLE CORPORATION
 GENERAL MOTORS CORP.
 GENSTAR LTD.
 GOODYEAR TIRE AND RUBBER COMPANY
 GRACE, W. R., AND CO.
 HARTFORD STEAM BOILER INSPECTION & INSURANCE CO.
 HOFFMAN ELECTRONICS
 IC INDUSTRIES, INC.
 IDS BOND FUND, INC.
 IDS PROGRESSIVE FUND, INC.
 INDEPENDENCE BANK OF CHICAGO
 INTERNATIONAL BUSINESS MACHINES CORP.
 INVESTORS ACCUMULATION PLAN
 INVESTORS MUTUAL, INC.
 INVESTORS STOCK FUND, INC.
 JOHNSON PRODUCTS CO.
 L'AIR LIQUIDE
 LEVER BROTHERS
 LINCOLN FIRST BANKS, INC.
 MACMILLAN INC.
 MACY CREDIT CORP.
 MACY, R. H., AND CO., INC.
 MARSHALL FIELD & CO.
 MAY DEPT. STORES CO.
 MELLON NATIONAL CORPORATION
 METROMEDIA, INC.
 MORGAN, J. P., AND CO., INC.
 MUTUAL REAL ESTATE INVESTMENT TRUST
 MUTUAL SAVINGS FUND
 NATIONAL AVIATION & TECHNOLOGY CORP.
 NATIONAL BROADCASTING CO., INC.
 NORRIS INDUSTRIES INC.
 NORTH AMERICAN PHILLIPS CORP.
 NORTHWEST AIRLINES, INC.
 NORTON SIMON, INC.
 OMEGA FUND, INC.
 PACIFIC GAS AND ELECTRIC COMPANY
 PACIFIC TELEPHONE & TELEGRAPH CO.
 PAUL REVERE INVESTORS, INC.
 PHILLIPS PETROLEUM COMPANY
 POTOMAC ELECTRIC POWER COMPANY
 POWER CORP OF CANADA, LTD.
 POWER CORPORATION OF CANADA, LTD.
 PREPARED PRODUCTS CO.
 PROCTER AND GAMBLE COMPANY
 PUROLATOR INC.
 PUTNAM TRUST CO.
 RALSTON PURINA CORP.
 RALSTON PURINA OF CANADA, LTD.
 RAYTHEON CO.
 RCA CORP.
 READER'S DIGEST
 REED SHAW OSLER, LTD.
 REPUBLIC STEEL CORP.
 RICH'S, INC.
 RIGGS NATIONAL CORP.
 ROCHESTER TELEPHONE CORP.
 ROYAL BANK OF CANADA, THE
 SINGER CO.
 SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
 SPERRY & HUTCHINSON CO.
 SPERRY RAND CORP.
 ST. REGIS PAPER CO.
 STANDARD BRANDS, INC.
 STATE STREET INVESTMENT CORP.
 SUN ALLIANCE & LONDON GROUP
 TEXAS GULF, INC.
 TRANS UNION CORP.
 UAL, INC.
 UNION CARBIDE CORPORATION
 UNION TANK CAR CO.

UNITED BANK OF ILLINOIS, N. A.
 UNITED STATES STEEL CORPORATION
 WIN DIXIES STORES, INC.
 COMPANIES DIRECTLY INTERLOCKED WITH MORGAN, J. P., AND CO., INC.
 ADELA INVESTMENT CO., S. A.
 AETNA LIFE AND CASUALTY COMPANY
 AMF INC.
 ASSOCIATED DRY GOODS CORP.
 ATCHINSON, TOPEKA & SANTA FE RAILWAY CO.
 AVIS, INC.
 AVON PRODUCTS, INC.
 BECHTEL CORP. AND GROUP
 BELL TELEPHONE LABORATORIES, INC.
 BETHLEHEM STEEL CORPORATION
 BRINCO, LTD.
 BRITISH COLUMBIA FOREST PRODUCTS, LTD.
 BROWN GROUP INC.
 BURLINGTON NORTHERN, INC.
 CALIFORNIA WATER SERVICE CO.
 CAMPBELL SOUP CO.
 CANADA LIFE ASSURANCE CO.
 CHAMPION INTERNATIONAL CORP.
 COCA-COLA CO.
 CONNECTICUT WATER SERVICE CO.
 CONTINENTAL CORPORATION, THE
 CORNING GLASS WORKS
 CORNING INTERNATIONAL CORP.
 CPC INTERNATIONAL, INC.
 DAY, BERRY AND HOWARD
 DISCOUNT CORP. OF NEW YORK
 DOW CORNING CORP.
 DOW JONES AND CO., INC.
 DUPONT, E. I., DE NEMOURS AND CO.
 EASTMAN KODAK COMPANY
 EMHART CORP.
 FEDERAL RESERVE BANK OF NEW YORK
 FEDERATED DEPARTMENT STORES, INC.
 FIRST NATIONAL BANK IN ST. LOUIS
 FORD MOTOR CO.
 GENERAL ELECTRIC COMPANY
 GENERAL MOTORS CORP.
 HARTFORD COURANT
 INA CORP.
 INGERSOLL-RAND CO.
 INTERNATIONAL BUSINESS MACHINES CORP.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 JOHN WANAMAKER PHILADELPHIA
 JOHNS MANVILLE CORP.
 KENNECOTT COPPER CORP.
 LONE STAR INDUSTRIES, INC.
 LOUISIANA LAND EXPLORATION CO.
 MASS. INST. OF TECHNOLOGY
 MERCK & CO., INC.
 METROPOLITAN LIFE INSURANCE COMPANY
 MIDLAND CONTAINER CORP.
 MISSOURI PACIFIC CORPORATION
 NEW YORK LIFE INSURANCE COMPANY
 NIAGARA MOHAWK POWER CORPORATION
 NORTHWESTERN STATES PORTLAND CEMENT CO.
 OWENS-CORNING FIBERGLASS CORP.
 PENN MUTUAL LIFE INSURANCE CO.
 PHELPS DODGE CORP.
 PROCTER AND GAMBLE COMPANY
 PRUDENTIAL INSURANCE CO. OF AMERICA
 RALSTON PURINA CORP.
 RAND CORPORATION
 RICH'S, INC.
 ROANOKE ELECTRIC STEEL CORP.
 ROCHESTER GAS & ELECTRIC CORP.
 ROCHESTER SAVINGS BANK
 SANTA FE INDUSTRIES, INC.
 SCOTT PAPER CO.
 SEARS, ROEBUCK AND CO.
 SMITHKLINE CORP.
 SOUTHERN RAILWAY COMPANY
 SPERRY & HUTCHINSON CO.
 STANDARD BRANDS, INC.
 STEVENS, J. P., & CO., INC.

TIDEWATER MARINE SERVICE, INC.
 TRUST COMPANY OF GEORGIA
 UNION CAMP CORP.
 UNION CARBIDE CORPORATION
 UNITED TECHNOLOGIES CORP.
 URBAN NATIONAL CORP.
 WESTERN ELECTRIC CO., INC.
 COMPANIES DIRECTLY INTERLOCKED WITH NEW YORK LIFE INSURANCE COMPANY
 ALCAN ALUMINUM LTD.
 ALLIED CHEMICAL CORP.
 ALLIED STORES CORP.
 AMAX, INC.
 AMERADA HESS CORP.
 AMERICAN ELECTRIC POWER COMPANY, INC.
 AMERICAN HOME PRODUCTS CORP.
 ARMCO STEEL CORP.
 ARMSTRONG RUBBER CO.
 ASSOCIATED DRY GOODS CORP.
 ATLANTIC RICHFIELD COMPANY
 AYON PRODUCTS, INC.
 BAKER INDUSTRIES INC.
 BALDWIN SECURITIES CORP.
 BOOK DIGEST, INC.
 BORDEN, INC.
 BOWERY SAVINGS BANK
 BROOKLYN UNION GAS CO.
 BURLINGTON NORTHERN, INC.
 C. I. REALTY INVESTORS
 CALIFORNIA WATER SERVICE CO.
 CARTER HAWLEY MALE STORES, INC.
 CBS, INC.
 CHEMICAL NEW YORK CORPORATION
 CHESAPEAKE & POTOMAC TELEE
 CHRYSLER CORPORATION
 CITICORP
 CLEVELAND CLIFFS IRON CO.
 COLONIAL WILLIAMSBURG FOUNDATION
 CONSOLIDATED EDISON CO OF NEW YORK
 CROCKER NATIONAL CORPORATION
 CUMMINS ENGINE CO., INC.
 DIGIORGIO CORP.
 DISCOUNT CORP. OF NEW YORK
 DRY DOCK SAVINGS BANK
 GARFINCKEL BROOKS BROS MILLER & RHODES
 GENERAL AMERICAN INVESTORS CO, INC.
 GENERAL AMERICAN INVESTORS, INC.
 HOSPITAL CORP. OF AMERICA
 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 INTERPUBLIC GROUP OF COMPANIES, INC.
 LIBBEY-OWENS-FORD CO.
 LOUISIANA LAND EXPLORATION CO.
 MANUFACTURERS HANOVER CORPORATION
 MARSHALL FIELD & CO.
 MORGAN, J. P., AND CO., INC.
 NEW PERSPECTIVE FUND, INC.
 NEW YORK TELEPHONE COMPANY
 NORCEN ENERGY RESOURCES LTD.
 OBSERVER, THE, LTD.
 PACIFIC TELEPHONE & TELEGRAPH CO.
 PAN AMERICAN WORLD AIRWAYS, INC.
 PSA INC.
 REPUBLIC OF TEXAS CORP.
 SAS, INC.
 SCANDINAVIAN SECURITIES CORP.
 SHEARMAN & STERLING
 SOUTHERN PACIFIC COMPANY
 SPERRY RAND CORP.
 STEVENS, J. P., & CO., INC.
 UNA CORP
 UNION CAMP CORP.
 UNION CARBIDE CORPORATION
 UNITED VIRGINIA BANKSHARES INC.
 WESTINGHOUSE ELECTRIC CORPORATION
 COMPANIES DIRECTLY INTERLOCKED WITH PRUDENTIAL INSURANCE CO. OF AMERICA
 AEROSPACE CORPORATION
 AIR NEW ENGLAND AIRLINE
 ALLIED BANK INTERNATIONAL
 AMERICAN POTATO COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 AVANTEK, INC.
 BAMBERGER'S
 BANKERS TRUST NEW YORK CORP
 BECTON DICKENSON AND COMPANY
 BEKINS CO., THE
 BELL TELEPHONE LABORATORIES, INC.
 BONMAR INDUSTRIES
 C. R. BARD, INC.
 CAHILL, MCCARTY & HICKS
 CAMBELL SOUP CO.
 CAMPBELL SOUP CO.
 CANADIAN GYPSUM, LTD.
 CARROLS DEVELOPMENT CORP.
 CARTER HAWLEY HALE STORES, INC.
 CENTRAL RAILROAD OF NEW JERSEY CO.
 CHANNEL 13, PUBLIC TELEVISION
 CITY FEDERAL SAV. & LOAN ASSN.
 CPC INTERNATIONAL, INC.
 DELAWARE AND BOUND CROOK RAILROAD CO.
 DENNYS INC.
 EAST RIVER SAVINGS BANK
 ENGELHARD MIN. & CHEM. CORP.
 ENGELHARD MINERAL AND CHEMICALS CORP.
 ENGELHARD MINERALS & CHEMICALS CORP.
 EXXON CORPORATION
 FIDELITY BANK & TRUST CO.
 FIDELITY UNION BANCORPORATION
 FIDELITY UNION TRUST CO.
 FIRST NATIONAL BANK OF PRINCETON
 FIRST NATIONAL STATE BANCORPORATION
 GARDEN STATE BROADCASTING CO.
 GENERAL ELECTRIC COMPANY
 GENERAL MILLS, INC.
 HARWOOD COS.
 HOUSTON NATIONAL GAS CORP.
 HUNTERDON HILLS HOSTEINS, INC.
 INGERSOLL-RAND CO.
 INTERNATIONAL BASIC ECONOMY CORP.
 INTERNATIONAL PAPER CO.
 JOHNSON, S. C., AND CO., LTD.
 KEUFFEL & ESSER CO.
 LIBBEY-OWENS-FORD CO.
 MACY, R. H., AND CO., INC.
 MAHER TERMINALS
 MEYNER, LANDIS & VERDON
 MORGAN, J. P., AND CO., INC.
 NABISCO INTERNATL. FINANCE CO.
 NABISCO, INC.
 NEW YORK TELEPHONE COMPANY
 NORTHWESTERN BELL TELEPHONE CO.
 PENNWALT CORP.
 PRODUCERS CHEMICAL CORPORATION
 PROLER INTERNATIONAL CORP.
 PUBLIC SERVICE ELECTRIC AND GAS CO.
 RAND CORP.
 ROCKET RESEARCH CORP.
 SERVOMATION CORP.
 SHENANDOAH OIL CORP.
 STANDARD OIL COMPANY OF CALIFORNIA
 STANFORD RESEARCH INST.
 TEXAS COMMERCE BANK
 TEXAS GULF, INC.
 THOMAS & BETTS CO.
 THOMPSON, J. WALTER, CO.
 TORO MANUFACTURING CORP.
 TORONTO DOMINION BANK
 TORONTO DOMINION PENSION FUND
 U. S. INDUSTRIES, INC.
 UNION CARBIDE CANADA, LTD.
 WESTERN ELECTRIC CO., INC.
 XEROX CORP.

COMPANIES WHICH HAVE DIRECT INTERLOCK ON THE BOARDS OF MAJOR NON-FINANCIAL CORPORATIONS
COMPANIES DIRECTLY INTERLOCKED WITH AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
BALL CORP.
BANKERS TRUST NEW YORK CORP
BELL TELEPHONE LABORATORIES, INC.
BOEING CO.
BOSTON EDISON CO.
BRISTOL-MYERS CO.
CAMPBELL SOUP CO.
CARTER HAWLEY MALE STORES, INC.
CATERPILLAR TRACTOR COMPANY
CHAPARROSA RANCH
CHATHAM MFG. CO.
CHEMICAL NEW YORK CORPORATION
CHRYSLER CORPORATION
CITICORP
CONTINENTAL CORPORATION, THE
CONTINENTAL ILLINOIS CORPORATION
CONTINENTAL OIL COMPANY
CUMMINS ENGINE CO., INC.
CYLBRO CORP.
DEERE & CO.
DUPONT, E. I., DE NEMOURS AND CO.
EXXON CORPORATION
FEDERATED DEPARTMENT STORES, INC.
FIRST CITY BANCORPORATION OF TEXAS INC.
FIRST WISCONSIN CORP.
GENERAL FOODS CORP.
GENERAL MOTORS CORP.
HAMILTON BROTHERS EXPLORATION CO.
HART SCHAFFNER & MARX
INGERSOLL RAND CO.
INTERNATIONAL PAPER CO.
IRWIN UNION CORPORATION
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JORDON SPINNING CO.
KOHLER CO.
KRAFTCO CORP.
M. I. T. CORP.
MANUFACTURERS HANOVER CORPORATION
MARCOR INC.
MCGRAW-HILL, INC.
MEDIA GENERAL, INC.
MERCK & CO., INC.
MITRE CORP.
MOBIL CORPORATION
NATIONAL BANCSHARES CORP OF TEXAS
NATIONAL FINANCE CREDIT CORP.
NEW YORK STOCK EXCHANGE
NEW YORK TELEPHONE COMPANY
NORTHWESTERN MUTUAL LIFE INSURANCE CO
PACIFIC NORTHWEST BELL TELEPHONE CO.
PACIFIC TELEPHONE AND TELEGRAPH COMPANY
PENNEY, J. C., CO., INC.
PEPSICO INC.
POLAROID CORP.
PROCTER AND GAMBLE COMPANY
PRUDENTIAL INSURANCE CO. OF AMERICA
REACTIVE METALS, INC.
REYNOLDS, R. J., INDUSTRIES, INC.
ROPES & GRAY
SELLERS MFG. CO.
SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
SOUTHERN CALIFORNIA EDISON COMPANY
SOUTHERN RAILWAY COMPANY
STATE STREET BOSTON FINANCIAL CORP.
TEXACO, INC.
TEXAS INSTRUMENTS, INC.
THIOKAL CORP.
TIME, INC.
UNION CARBIDE CORPORATION
UNITED STATES STEEL CORPORATION
UNITED STATES TRUST COMPANY
WACHOVIA CORP.
WESTERN BANCORPORATION
ZURN INDUSTRIES, INC.

COMPANIES DIRECTLY INTERLOCKED WITH CHRYSLER CORPORATION

AMAX, INC.
 AMERICAN HOME PRODUCTS CORP.
 AMERICAN NATURAL RESOURCES CO.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ARABAIR SERVICES CORP., LTD.
 ATKINS & MERRILL, INC.
 ATLANTIC MUTUAL INSURANCE CO.
 AUB SERVICES CORP.
 BANK OF AMERICA-NEW YORK
 BANKAMERICA CORPORATION
 BASF WYANDOTTE CORP.
 BEATRICE FOODS CO.
 BELL CANADA
 BROOKLYN UNION GAS CO.
 BURROUGHS CORP.
 CAMERON IRON WORKS, INC.
 CHASE MANHATTAN CORP.
 CHRYSLER CANADA, LTD.
 CNA INCOME SHARES, INC.
 COLGATE PALMOLIVE, LTD.
 CONSUMERS POWER COMPANY
 CONTINENTAL CORPORATION, THE
 CYLBRO CORP.
 DEERE & CO.
 DETROIT BANK CORP.
 DISCOUNT CORP. OF NEW YORK
 DUPONT OF CANADA, LTD.
 FEDERATED DEPARTMENT STORES, INC.
 FIRST CITY BANCORPORATION OF TEXAS INC.
 GENERAL AMERICAN INVESTORS, INC.
 GENERAL FOODS CORP.
 GREAT SOUTHERN CORP.
 GREAT-WEST LIFE ASSURANCE CO.
 HALABY INTERNATIONAL CORP.
 HAMILTON BROTHERS PETROLEUM CORP.
 HAWKER SIDDLEY, CANADA
 HEWLETT PACKARD CORP.
 HUNTER DOUGLAS N. V.
 IMASCO, LTD.
 INDUSTRIAL NUCLEONICS CORP.
 INTER-ASIA MANAGEMENT CO., LTD.
 INTERNATIONAL BASIC ECONOMY CORP.
 INTERNATIONAL MINERALS & CHEMICAL CORP.
 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 KAISER FOUNDATION HOSPITAL & HEALTH PLAN
 KRESGE, S. S., COMPANY
 MACY, R. H., AND CO., INC.
 MANUFACTURERS HANOVER CORPORATION
 MARITIME STEEL AND FOUNDRIES
 MENLO FINANCIAL CORP.
 MICHIGAN BELL TELEPHONE CO.
 MICHIGAN CONSOLIDATED GAS CO.
 NATIONAL BANK OF DETROIT
 NATIONAL DETROIT CORPORATION
 NEW YORK LIFE INSURANCE COMPANY
 NEW YORK STOCK EXCHANGE
 NEW YORK TELEPHONE COMPANY
 NORTHERN TELECOM LIMITED
 OMEGA FUND, INC.
 ROCKEFELLER CENTER, INC.
 ROCKEFELLER FAMILY & ASSOCIATES
 ROYAL BANK OF CANADA
 ROYAL INSURANCE CO., LTD.
 SAS, INC.
 SOUTHERN RAILWAY COMPANY
 STEEL COMPANY OF CANADA, LTD.
 TORONTO-DOMINION BANK
 TRANS CANADA PIPE LINES, LTD.
 UNION CARBIDE CORPORATION
 UNITED STATES TRUST COMPANY
 UTAH INTERNATIONAL, INC.
 XEROX OF CANADA, LTD.
 ZURN INDUSTRIES, INC.

COMPANIES DIRECTLY INTERLOCKED WITH DUPONT, E. I., DE NEMOURS AND CO.

AMERICAN SECURITY CORP.
 AMERICAN STORES COMPANY
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY

BANK OF AMERICA NATIONAL TRUST & SAVINGS ASSN.
 BANK OF DELAWARE
 BANKAMERICA CORPORATION
 BETHLEHEM STEEL CORPORATION
 BLOCK ENGINEERING INC.
 BRIMMER & CO., INC.
 CHAMPION INTERNATIONAL CORP.
 CHEMICAL NEW YORK CORPORATION
 CHRISTIANA SECURITIES
 CITICORP
 CONTINENTAL AMERICAN LIFE INS. CO.
 CONTINENTAL OIL COMPANY
 DELMARVA POWER & LIGHT CO.
 DIAMOND STATE TELEPHONE CO.
 DUPONT OF CANADA, LTD.
 FEDERATED DEPARTMENT STORES, INC.
 GENERAL REINSURANCE CORP.
 HART SCHAFFNER & MARX
 HARVEY HUBBELL, INC.
 HASKINS LABORATORIES, INC.
 IBM WORLD TRADE CORP.
 INTERNATIONAL BUSINESS MACHINES CORP.
 INTERNATIONAL HARVESTER COMPANY
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 MASS. INST. OF TECHNOLOGY
 MORGAN, J. P., AND CO., INC.
 NATIONAL BUREAU OF ECONOMICS RESEARCH
 NEWS JOURNAL CO.
 PENNA. POWER & LIGHT CO.
 REMINGTON ARMS CO., INC.
 SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
 TRW, INC.
 UAL, INC.

UNITED STATES TRUST COMPANY
 WILMINGTON TRUST CO.
 COMPANIES DIRECTLY INTERLOCKED WITH EXXON CORPORATION

ADELA INVESTMENT CO., S. A.
 AETNA LIFE AND CASUALTY COMPANY
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 AMSTAR CORP.
 ARABIAN OIL CO./
 ARAMCO
 B. A. T. INDUSTRIES, LTD.
 BRITISH LEYLAND, LTD.
 CATERPILLAR TRACTOR COMPANY
 CHASE MANHATTAN CORP.
 CHEMICAL BANK
 CHEMICAL NEW YORK CORPORATION
 CITICORP
 CORPORATE PROPERTY INVESTORS, INC.
 CRUTCHER RESOURCES CORP.
 DAVY INTERNATIONAL, LTD.
 EQUITABLE LIFE ASSURANCE
 FIRST WISCONSIN CORP.
 FONSECO MINSEP, LTD.
 INMONT CORP.
 MERCANTILE TEXAS CORP
 METROPOLITAN LIFE INSURANCE COMPANY
 MOLINS, LTD.
 OTIS ELEVATOR CO.
 OTTO WOLFF A.G.
 PEPSICO INC.
 PRATT & WHITNEY AIRCRAFT OF CANADA, LTD.
 PROCTER AND GAMBLE COMPANY
 PRUDENTIAL INSURANCE CO. OF AMERICA
 TEXAS COMMERCE BANKSHARES, INC.
 TOBACCO SECURITIES TRUST CO, LTD.
 UNITED BANK OF ILLINOIS, N. A.
 UNITED TECHNOLOGIES CORP.

COMPANIES DIRECTLY INTERLOCKED WITH FORD MOTOR CO.

BANCAL TRI STATE CORP.
 BANK OF AMERICA N. T. & N. A.
 BANKERS TRUST NEW YORK CORP
 BARD, C. R., INC.
 BOSTON CO., INC.
 BROOKINGS INSTITUTION
 BURROUGHS CORP.
 CAMPBELL SOUP CO.

CITICORP
 CONSOLIDATED EDISON CO OF NEW YORK
 DEL MONTE PROPERTIES CO.
 DELTEC INTERNATIONAL, LTD.
 DETROIT LIONS, INC.
 EDISON INSTITUTE
 EQUITABLE LIFE ASSURANCE
 FEDERAL STREET FUND INC.
 FLORIDA POWER AND LIGHT COMPANY
 HALLMARK CARDS, INC.
 HANNA MINING CO.
 HEWLETT PACKARD CORP.
 HOLLY SUGAR CORP.
 IBM WORLD TRADE EUROPE/MIDDLE EAST/AFRICA CORP.
 INTERSTATE BROADCASTING
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 KOPPERS CO., INC.
 MANUFACTURERS NATIONAL CORP.
 MERCK & CO., INC.
 MIDDLE SOUTH UTILITIES, INC.
 MORGAN, J. P., AND CO., INC.
 NCR CORP.
 NEW ENGLAND ELECTRIC SYSTEM
 NEW JERSEY BELL TELEPHONE CO.
 NEW YORK TIMES CO
 NORTON SIMON, INC.
 OHIO BELL TELEPHONE CO.
 PHILLIP MORRIS & CO., LTD.
 PROCTER AND GAMBLE COMPANY
 PULLMAN, INC.
 ROANOKE ELECTRIC STEEL CORP.
 ROCKEFELLER FOUNDATION
 ROCKEFELLER UNIVERSITY
 SAMUEL H. KRESS FOUNDATION
 SMITHKLINE CORP.
 STANFORD RESEARCH INSTITUTE
 STATE STREET INVESTMENT CORP.
 STATE STREET RES. & MAN. CO.
 STRAUSS, LEVI & CO.
 TIME, INC.
 TIMES MIRROR CO.
 UTAH INTERNATIONAL, INC.
 WASHINGTON POST CO.
 WELLS FARGO AND COMPANY
 WINTERS NATIONAL CORP.
 COMPANIES DIRECTLY INTERLOCKED WITH GENERAL ELECTRIC COMPANY
 ABBOTT LABORATORIES, INC.
 AMERICAN EXPRESS COMPANY
 AMERICAN HOSPITAL SUPPLY CORP.
 BONNIEVIEW RANCH, INC.
 BRISTOL-MYERS CO.
 BRITISH COLUMBIA FOREST PRODUCTS, LTD.
 CHASE FUND OF BOSTON
 CHASE MANHATTAN CORP.
 CHEMICAL NEW YORK CORPORATION
 CHUBB CORPORATION
 CITICORP
 CLUETT PEABODY AND CO., INC.
 COCA-COLA CO.
 CONTINENTAL GROUP, INC.
 COPELAND CORP.
 CUMMINS ENGINE CO., INC.
 CYPRUS PIMA MINING CO.
 DICK, A. B., CO.
 DOW JONES AND CO., INC.
 ENTION, INC.
 FEDERAL STREET FUND
 FEDERATED DEPARTMENT STORES, INC.
 GLOBAL MARINE, INC.
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 HARPER & ROW PUBLISHERS, INC.
 HILLMAN COMPANY
 HOME LIFE INSURANCE CO.
 ILLINOIS TOOL WORKS, INC.
 INA CORP.
 INDUSTRIAL INDEMNITY CO.
 INLAND STEEL CO.
 INTERNATIONAL BASIC ECONOMY CORP.

INTERNATIONAL PAPER CO.
 J. G. BOSWELL CO.
 JEWEL COMPANIES, INC.
 LAWRENCE, JAMES, AND CO.
 MACY, R. H., AND CO., INC.
 MANUFACTURERS HANOVER CORPORATION
 MARCONA CORP.
 MORGAN, J. P., AND CO., INC.
 NATIONAL STEEL CORP.
 NORTRUST CORP.
 PENNEY, J. C., CO., INC.
 PITTSBURGH NATIONAL CORP.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 QUAKER OATS CO.
 RAND CORP.
 RAND CORPORATION
 RICH'S, INC.
 SAFEWAY STORES, INC.
 SCOTT PAPER CO.
 SCRIBNER & CO. (CHICAGO)
 SECURITY PACIFIC CORP.
 SHAKESPEARE CO.
 SOUTHERN PACIFIC COMPANY
 STATE STREET INVESTMENT CORP.
 TRUST COMPANY OF GEORGIA
 U. S. INDUSTRIES, INC.
 UTAH INTERNATIONAL, INC.
 WEBB, DEL E., DEVELOPMENT CO.
 WELLS FARGO AND COMPANY
 WEST POINT-PEPPERELL, INC.
 COMPANIES DIRECTLY INTERLOCKED WITH GENERAL MOTORS CORP.
 ADELA INVESTMENT CO., S. A.
 ALGOMA STEEL CORP., LTD.
 ALLIED CHEMICAL CANADA, LTD.
 ALLIED CHEMICAL CORP.
 ALUMINUM COMPANY OF AMERICA
 AMERICAN AIR LINES, INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ATCHINSON, TOPEKA & SANTA FE RAILWAY CO.
 BETHLEHEM STEEL CORPORATION
 CANADA LIFE ASSURANCE CO.
 CANADIAN PACIFIC LTD.
 CHASE MANHATTAN CORP.
 CHEMICAL BANK
 CITICORP
 CONTINENTAL GROUP, INC.
 DAYTON-HUDSON CORP.
 DETROIT EDISON COMPANY
 EASTMAN KODAK COMPANY
 ECKERD, JACK, CORP.
 FEDERAL RESERVE BANK OF NEW YORK
 FIRST CHICAGO CORPORATION
 FIRST WISCONSIN CORP.
 GENERAL MILLS, INC.
 GENERAL RECREATION CORP.
 GENSTAR LTD.
 GIRARD CO.
 HEINZ, H. J., CO.
 HIRAM-WALKER-GOODERHAM & WARTS, LTD.
 INTERFINANCIAL INC.
 INTERNATIONAL PAPER CO.
 KENNECOTT COPPER CORP.
 KOHLER CO.
 KRAFTCO CORP.
 L'AIR LIQUIDE
 M. I. T. CORP.
 MARSH & MCLENNAN COMPANIES, INC.
 MARSHALL FIELD & CO.
 MELLON NATIONAL CORPORATION
 METROPOLITAN LIFE INSURANCE COMPANY
 MILES LABORATORIES INC.
 MORGAN, J. P., AND CO., INC.
 NATIONAL BANK OF DETROIT
 NATIONAL DETROIT CORPORATION
 NEW YORK STOCK EXCHANGE
 NORFOLK AND WESTERN RAILWAY COMPANY
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 OWENS-CORNING FIBERGLASS CORP.

PEPSICO INC.
 PERKIN ELMER CORP.
 PHILADELPHIA SAVINGS FUND SOCIETY
 POWER CORPORATION OF CANADA, LTD.
 PPG INDUSTRIES, INC.
 PROCTER AND GAMBLE COMPANY
 QUANTUM SCIENCE CORP.
 RALSTON PURINA OF CANADA, LTD.
 ROCHESTER GAS & ELECTRIC CORP.
 ROCHESTER SAVINGS BANK
 ROYAL BANK OF CANADA, THE
 SANTA FE INDUSTRIES, INC.
 STANDARD BRANDS, INC.
 SUN ALLIANCE & LONDON GROUP
 UNITED STATES STEEL CORPORATION
 WARNER-LAMBERT CO.

COMPANIES DIRECTLY INTERLOCKED WITH INTERNATIONAL BUSINESS MACHINES CORP.

AMAX, INC.
 AMERICAN CAN COMPANY
 AMERICAN EXPRESS COMPANY
 AMF INC.
 AVCO CORP.
 BANK OF DELAWARE
 BANK OF NEW YORK COMPANY, INC.
 BANKERS TRUST NEW YORK CORP
 BOSTON CO., INC.
 CATERPILLAR TRACTOR COMPANY
 CHASE MANHATTAN CORP.
 CHEMICAL NEW YORK CORPORATION
 CITIBANK, N. A.
 CITICORP
 CONTINENTAL AMERICAN LIFE INS. CO.
 CONTINENTAL ILLINOIS CORPORATION
 CONTINENTAL OIL COMPANY
 CORNING GLASS WORKS
 CORNING INTERNATIONAL CORP.
 DISCOUNT CORP. OF NEW YORK
 DIVIDEND SHARES, INC.
 DOW CORNING CORP.
 DOW JONES AND CO., INC.
 DUPONT, E. I., DE NEMOURS AND CO.
 ELI LILLY & CO.
 FLIGHTSAFETY INTERNATIONAL, INC.
 FREEPORT MINERALS CO.
 GENERAL FOODS CORP.
 GENERAL REINSURANCE CORP.
 GREENWICH SAVINGS BANK
 H. P. HOOD, INC.
 HANNA MINING CO.
 HARTFORD STEAM BOILER INSPECTION & INSURANCE CO.
 IBM WORLD TRADE CORP.
 IC INDUSTRIES, INC.
 MEAD CORP.
 METROPOLITAN LIFE INSURANCE COMPANY
 MOBIL CORPORATION
 MORGAN, J. P., AND CO., INC.
 NABISCO, INC.
 NATION-WIDE SECURITIES CO, INC.
 NATIONAL AVIATION & TECHNOLOGY CORP.
 NEW YORK TELEPHONE COMPANY
 NEW YORK TIMES CO
 PAN AMERICAN WORLD AIRWAYS, INC.
 PAUL REVERE INVESTORS, INC.
 PEPSICO INC.
 PFIZER CHARLES & CO., INC.
 PUTNAM TRUST CO.
 REPUBLIC STEEL CORP.
 ROYAL DUTCH PETROLEUM CO.
 ROYAL GLOBE INSURANCE COMPANIES
 SCANDINAVIAN SECURITIES CORP.
 SCOTT PAPER CO.
 SOUTHERN PACIFIC COMPANY
 TIME, INC.
 TIMES MIRROR CO.
 UNITED STATES STEEL CORPORATION
 UNITED STATES TRUST COMPANY
 WASHINGTON POST CO.
 WIN DIXIES STORES, INC.

COMPANIES DIRECTLY INTERLOCKED WITH MOBIL CORPORATION

AMERICAN EXPRESS COMPANY
 AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
 AMERICAN HOSPITAL SUPPLY CORP.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BANKERS TRUST NEW YORK CORP
 BELL & HOWELL CO.
 BROOKLYN SAVINGS BANK
 C. I. T. FINANCIAL CORP.
 CATERPILLAR TRACTOR COMPANY
 CHEMICAL NEW YORK CORPORATION
 CHUBB CORPORATION
 CITIBANK, N. A.
 CITICORP
 CLUETT PEABODY AND CO., INC.
 CONGOLEUM CORPORATION
 CONTAINER CORP OF AMERICA
 CRANE CO.
 DOW JONES AND CO., INC.
 ELI LILLY & CO.
 EQUITABLE LIFE ASSURANCE
 FEDERAL INSURANCE CO.
 FIREMAN'S FUND INSURANCE CO.
 GENERAL FOODS CORP.
 HEINZ, H. J., CO.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARCOR INC.
 NATIONAL BANK OF NORTH AMERICA
 NATIONAL BOULEVARD BANK OF CHICAGO
 NORTH AMERICAN PHILLIPS CORP.
 NORTRUST CORP.
 PENNWALT CORP.
 RAND CORP.
 ROCKWELL INTERNATIONAL CORP.
 SECURITY TRUST COMPANY
 STONE & WEBSTER, INC.
 TIME, INC.
 UNITED STATES TRUST COMPANY
 UTAH INTERNATIONAL, INC.
 XEROX CORP.

COMPANIES DIRECTLY INTERLOCKED WITH SEARS, ROEBUCK AND CO.

ALLIS-CHALMERS CORP.
 ALLSTATE INSURANCE CO.
 AMERICAN AIR LINES, INC.
 AMERICAN CAN COMPANY
 ASIA PACIFIC CAPITAL CORP.
 BECHTEL CORP. AND GROUP
 BEKINS CO., THE
 CHASE MANHATTAN CORP.
 CHEMICAL NEW YORK CORPORATION
 CITICORP
 COLLEGE RETIREMENT EQUITIES FUND
 COMMONWEALTH EDISON
 CONTINENTAL ILLINOIS CORPORATION
 CROCKER NATIONAL CORPORATION
 DEPOSITORY TRUST CO.
 DESOTO INC.
 DOW JONES AND CO., INC.
 ENSERCH CORP.
 FALCONBRIDGE NICKEL MINES LTD.
 FIRST CHICAGO CORPORATION
 FIRST NATIONAL HOLDING CORP.
 GILLETTE CO.
 HARRIS BANKCORP INC.
 HOMART DEVELOPMENT CO.
 INTERCHANGE REALTY CO., INC.
 JOHNSON, E. F., CO.
 KRAFTCO CORP.
 LEASEWAY TRANSPORTATION CORP.
 MANUFACTURERS HANOVER CORPORATION
 MERMETAU MINERAL AND LAND CO., INC.
 MIDLAND BANCORPORATION
 MILTON BRADLEY CO.
 MISSION HILLS RANCH, INC.
 MORGAN, J. P., AND CO., INC.
 NORTHWEST INDUSTRIES, INC.
 NORTON SIMON, INC.
 PHILADELPHIA NATIONAL BANK

QUAKER OATS CO.
 REPUBLIC NATIONAL BANK OF DALLAS
 REPUBLIC OF TEXAS CORP.
 ROYAL ST. LOUIS, INC.
 ROYAL STREET CORP.
 SEARLE, G. D., & CO.
 SEARS SAVINGS & PROFIT SHARING FUND
 SIMPSON-SEARS LTD.
 SMITH, A. O., CORP.
 SOUTHERN STATES LAND AND TIMBER CORP.
 SPERRY RAND CORP.
 STANCOURT CORP.
 STANFORD COURT HOTEL MANAGEMENT CO., INC.
 STARWOOD LAND CORP.
 TERMINAL FREIGHT HANDLING CO.
 TRIBUNE COMPANY
 TRW, INC.
 UNITED STATES STEEL CORPORATION
 UNITED TECHNOLOGIES CORP.
 ZENITH RADIO CORP.

COMPANIES DIRECTLY INTERLOCKED WITH TEXACO, INC.
 AKZO N. V.
 AMERICAN EXPRESS COMPANY
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ANACONDA CO.
 ANKA GLASZSTOFF AG
 ARABIAN AMERICAN OIL CO.
 BESSEMER SECURITIES CORP.
 BROWN BROS. HARRIMAN & CO.
 BROWN HARRIMAN & INTERNATIONAL BANK, LTD.
 DEUTSCHE BANK, A. G.
 DWS INVESTMENT TRUST
 FAIRCHILD INDUSTRIES, INC.
 HANSA-LINE
 INMONT CORP.
 LIGGETT GROUP INC.
 LYKES YOUNGSTOWN CORP.
 MASS MUTUAL INVESTORS, INC.
 MCGRAW-HILL, INC.
 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 NABISCO, LTD.
 NATIONAL BOULEVARD BANK OF CHICAGO
 OWENS-CORNING FIBERGLASS CORP.
 ROCKEFELLER FOUNDATION
 ROTHMAUS INTERNATIONAL LIMITED
 SANTA CATALINA ISLAND CO.
 SIEMENS, A. G.
 WRIGLEY WILLIAM JR., CO.

COMPANIES DIRECTLY INTERLOCKED WITH UNITED STATES STEEL CORPORATION
 ADEL, INC.
 AETNA LIFE AND CASUALTY COMPANY
 ALLIS-CHALMERS CORP.
 AMERICAN AIR LINES, INC.
 AMERICAN EXPRESS COMPANY
 AMERICAN STANDARD INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BELL CANADA
 BURLINGTON INDUSTRIES, INC.
 CANADA STEAMSHIP LINES, LTD.
 CANADIAN IMPERIAL BANK OF COMMERCE
 CATERPILLAR TRACTOR COMPANY
 CHARTER NEW YORK CORP.
 CHASE MANHATTAN CORP.
 CHEMICAL NEW YORK CORPORATION
 CITICORP
 DOW JONES AND CO., INC.
 EASTMAN KODAK COMPANY
 ELI LILLY & CO.
 FIDELITY UNION BANCORPORATION
 FIRST BANK SYSTEM, INC.
 FREEPORT MINERALS CO.
 GENERAL FOODS CORP.
 GENERAL MOTORS CORP.
 GENERAL RECREATION CORP.
 GILLETTE CO.
 HIRAM-WALKER-GOODERHAM & WARTS, LTD.
 INTERFINANCIAL INC.
 INTERNATIONAL BUSINESS MACHINES CORP.

INTERNATIONAL HUSKY, INC.
JEFFERSON-PILOT CORP.
KING RANCH, ESPANA, S. A.
KRAFTCO CORP.
MACY CREDIT CORP.
MACY, R. H., AND CO., INC.
MANUFACTURERS HANOVER CORPORATION
MARSH & MCLENNAN COMPANIES, INC.
MELLON NATIONAL CORPORATION
MERCANTILE STORES CO., INC.
METROPOLITAN LIFE INSURANCE COMPANY
MINNESOTA MINING & MANUFACTURING CO.
MOLLER INDUSTRIES, INC.
NATIONAL BROADCASTING CO., INC.
NORTHERN TELECOM LIMITED
NORTHWEST AIRLINES, INC.
OMEGA FUND, INC.
PITTSBURGH NATIONAL CORP.
POWER CORPORATION
PROCTER AND GAMBLE COMPANY
RALSTON PURINA CORP.
RCA CORP.
REACTIVE METALS, INC.
REYNOLDS, R. J., INDUSTRIES, INC.
RICHARDSON MERRELL INC.
ROYAL DUTCH PETROLEUM CO.
SCANDINAVIAN SECURITIES CORP.
SEAMAN'S BANK FOR SAVINGS
SEARS, ROEBUCK AND CO.
SMITH, A. O., CORP.
SOUTHEAST FIRST BANK OF LARGO, FLORIDA
TEXAS GULF, INC.
TEXTRON, INC.
WACHOVIA CORP.
WALTER, JIM, CORP.
WHITE WELD & CO.

ANALYSIS 5. DIRECTORS SERVING ON THREE OR MORE BOARDS

Analysis 5 is a computer study of those directors of major corporations holding seats on three or more corporate (major and minor) boards. The first part of the print-out identifies directors who sit on from three to six major company boards. The second part of the print-out identifies directors who sit on from six to thirteen major or minor company boards.

This provides examples of the problem of interlocks which because of their scope and importance may cause too many conflicts and too much responsibility for any one person to bear.

The issue was considered a serious corporate problem by Louis Brandeis. He said in part:

For the proper exercise of the functions of director, it is essential that he be disinterested; that is, be free from any conflicting interest. But it is also essential that he have knowledge. Facts, facts, facts, are the only basis on which he can properly exercise his judgment. It is as necessary that he know intimately the facts concerning the business as that he have only one interest to subserve. Now, no man can have such detailed knowledge of the facts of many enterprises. This is due to the limitations of time and space and to those other limits set by nature upon human intelligence. How can one man know in respect to many large corporations the facts which a director needs to know in order to insure efficient management? (Address before Conference of American Mayors, Philadelphia, Pa., Nov. 13, 1914.)

* * * * *

I doubt whether anybody who is himself engaged in any important business has time to be a director in more than one large corporation. If he seeks to know about the affairs of that one corporation as much as he should know, not only in the interest of the stockholders, but in the interest of the community, he will have a field for study that will certainly occupy all the time that he has. (Statement before U.S. Commission on Industrial Relations, Jan. 23, 1915.)

DIRECTORS SITTING ON THREE TO
SIX MAJOR BOARDS

DIRECTORS HOLDING 3 SEATS

ANDERSON, ROBERT B.
1 GOODYEAR TIRE AND RUBBER COMPANY
2 PAN AMERICAN WORLD AIRWAYS, INC.
3 SECURITY PACIFIC CORP.

ANDERSON, ROGER E.
1 (CHMN) CONTINENTAL ILLINOIS CORPORATION
2 EASTMAN KODAK COMPANY
3 INTERNATIONAL HARVESTER COMPANY

AYERS, THOMAS G.
1 (CHMN) COMMONWEALTH EDISON
2 FIRST CHICAGO CORPORATION
3 SEARS, ROEBUCK AND CO.

BLAUVELT, HOWARD W.
1 (CHMN) CONTINENTAL OIL COMPANY
2 BANKERS TRUST NEW YORK CORP.
3 GENERAL TELEPHONE AND ELECTRONICS CORP.

BOSWELL, JAMES G., II
1 GENERAL ELECTRIC COMPANY
2 SAFeway STORES, INC.
3 SECURITY PACIFIC CORP.

BRADSHAW, THORNTON F.
1 ATLANTIC RICHFIELD COMPANY
2 RCA CORP.
3 SECURITY PACIFIC CORP.

BROWN, CHARLES L.
1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
2 CHEMICAL NEW YORK CORPORATION
3 DUFONT, E. I., DE MENDOURS AND CO.

BROWN, R. MANNING, JR.
1 (CHMN) NEW YORK LIFE INSURANCE COMPANY
2 MORGAN, J. F., AND CO., INC.
3 UNION CARBIDE CORPORATION

BRYAN, ANTHONY J., JR.
1 CHRYSLER CORPORATION
2 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
3 SOUTHERN RAILWAY COMPANY

BURCHAM, LESTER A.
1 (CHMN) WOOLWORTH, F. W., CO.
2 CHARTER NEW YORK CORP.
3 WESTERN ELECTRIC CO., INC.

CARTEF, EDWARD V.
1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
2 SOUTHERN CALIFORNIA EDISON COMPANY
3 WESTERN SANCORPORATION

CLEARY, CATHERINE B.
1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
2 GENERAL MOTORS CORP.
3 NORTHWESTERN MUTUAL LIFE INSURANCE CO.

COOLEY, RICHARD F.
1 PACIFIC GAS AND ELECTRIC COMPANY
2 UAL, INC.
3 WELLS FARGO AND COMPANY

DE PRETTEVILLE, CHARLES
1 PACIFIC GAS AND ELECTRIC COMPANY

2 SAFEWAY STORES, INC.
3 SHELL OIL COMPANY

ELLINGHAUS, WILLIAM M.
1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
2 BANKERS TRUST NEW YORK CORP
3 PENNEY, J. C., CO., INC.

FALLON, WALTER A.
1 EASTMAN KODAK COMPANY
2 GENERAL MOTORS CORP.
3 MORGAN, J. P., AND CO., INC.

FUMSTON, G. KEITH
1 CHEMICAL NEW YORK CORPORATION
2 INTERNATIONAL BUSINESS MACHINES CORP.
3 METROPOLITAN LIFE INSURANCE COMPANY

GERSTENBERG, RICHARD C.
1 DETROIT EDISON COMPANY
2 GENERAL MOTORS CORP.
3 NATIONAL DETROIT CORPORATION

GRAY, HARRY J.
1 AETNA LIFE AND CASUALTY COMPANY
2 CITICORP
3 EXXON CORPORATION

HATFIELD, ROBERT S.
1 CITICORP
2 EASTMAN KODAK COMPANY
3 GENERAL MOTORS CORP.

HAUGE, GABRIEL
1 (CHMN) MANUFACTURERS HANOVER CORPORATION
2 CHRYSLER CORPORATION
3 NEW YORK LIFE INSURANCE COMPANY

HENLEY, HENRY H., JR.
1 AMERICAN EXPRESS COMPANY
2 GENERAL ELECTRIC COMPANY
3 MANUFACTURERS HANOVER CORPORATION

HERZOG, RAYMOND H.
1 FIRST BANK SYSTEM, INC.
2 NORTHWEST AIRLINES, INC.
3 UNITED STATES STEEL CORPORATION

HEWITT, WILLIAM A.
1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
2 CONTINENTAL ILLINOIS CORPORATION
3 CONTINENTAL OIL COMPANY

INGERSOLL, ROBERT S.
1 ATLANTIC RICHFIELD COMPANY
2 CATERPILLAR TRACTOR COMPANY
3 FIRST CHICAGO CORPORATION

JONES, GILBERT E.
1 CONTINENTAL OIL COMPANY
2 DUPONT, E. I., DE NEMOURS AND CO.
3 INTERNATIONAL BUSINESS MACHINES CORP.

KREPS, JUANITA W.
1 EASTMAN KODAK COMPANY
2 PENNEY, J. C., CO., INC.
3 WESTERN ELECTRIC CO., INC.

LAIRD, M. R.

- 1 METROPOLITAN LIFE INSURANCE COMPANY
- 2 NORTHWEST AIRLINES, INC.
- 3 PHILLIPS PETROLEUM COMPANY

LAZARUS, FALFH

- 1 (CHMN) FEDERATED DEPARTMENT STORES, INC.
- 2 CHASE MANHATTAN CORP.
- 3 GENERAL ELECTRIC COMPANY

LEACH, RALPH F.

- 1 CONTINENTAL CORPORATION, THE
- 2 MORGAN, J. P., AND CO., INC.
- 3 SOUTHERN RAILWAY COMPANY

LITTLEFIELD, EDMUND W.

- 1 GENERAL ELECTRIC COMPANY
- 2 SOUTHERN PACIFIC COMPANY
- 3 WELLS FARGO AND COMPANY

LUCE, CHARLES F.

- 1 (CHMN) CONSOLIDATED EDISON CO OF NEW YORK
- 2 METROPOLITAN LIFE INSURANCE COMPANY
- 3 UAL, INC.

MACNAUGHTON, DONALD S.

- 1 (CHMN) PRUDENTIAL INSURANCE CO. OF AMERICA
- 2 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
- 3 EXXON CORPORATION

MAYER, JOHN A.

- 1 GENERAL MOTORS CORP.
- 2 MELLON NATIONAL CORPORATION
- 3 NORFOLK AND WESTERN RAILWAY COMPANY

MCCORMICK, BROOKS

- 1 (CHMN) INTERNATIONAL HARVESTER COMPANY
- 2 COMMONWEALTH EDISON
- 3 FIRST CHICAGO CORPORATION

MORGENS, HOWARD J.

- 1 GENERAL MOTORS CORP.
- 2 MORGAN, J. P., AND CO., INC.
- 3 PROCTER AND GAMBLE COMPANY

MUDD, HENRY T.

- 1 SOUTHERN PACIFIC COMPANY
- 2 SOUTHERN RAILWAY COMPANY
- 3 WESTERN RAIL CORPORATION

OELMAN, ROBERT S.

- 1 CITICORP
- 2 FORD MOTOR CO.
- 3 PROCTER AND GAMBLE COMPANY

PACKARD, DAVID

- 1 CATERPILLAR TRACTOR COMPANY
- 2 STANDARD OIL COMPANY OF CALIFORNIA
- 3 TRANS WORLD AIRLINES, INC.

PIVROTT, RICHARD R.

- 1 CHEMICAL NEW YORK CORPORATION
- 2 NEW YORK LIFE INSURANCE COMPANY
- 3 WESTINGHOUSE ELECTRIC CORPORATION

PLACE, JOHN B. M.

- 1 ATLANTIC RICHFIELD COMPANY
- 2 CHEMICAL NEW YORK CORPORATION
- 3 METROPOLITAN LIFE INSURANCE COMPANY

PRINCE, WILLIAM WOOD

- 1 COMMONWEALTH EDISON
- 2 EASTERN AIRLINES, INC.
- 3 FIRST CHICAGO CORPORATION

PROCKNOW, DONALD E.

- 1 (CHMN) WESTERN ELECTRIC CO., INC.
- 2 MORGAN, J. P., AND CO., INC.
- 3 PRUDENTIAL INSURANCE CO. OF AMERICA

RATTALIATA, JOHN T.

- 1 INTERNATIONAL HARVESTER COMPANY
- 2 SANTA FE INDUSTRIES, INC.
- 3 WESTERN ELECTRIC CO., INC.

PENCHARD, WILLIAM S.

- 1 CHEMICAL NEW YORK CORPORATION
- 2 CONSOLIDATED EDISON CO OF NEW YORK
- 3 NEW YORK LIFE INSURANCE COMPANY

SHAPIRO, IRVING S.

- 1 (CHMN) DUPONT, E. I., DE NEMOURS AND CO.
- 2 CITICORP
- 3 INTERNATIONAL BUSINESS MACHINES CORP.

SHELDON, ELEANOR H. B.

- 1 CITICORP
- 2 EQUITABLE LIFE ASSURANCE
- 3 MOBIL CORPORATION

SIVAGE, GERALD A.

- 1 FIRST CHICAGO CORPORATION
- 2 GENERAL MOTORS CORP.
- 3 METROPOLITAN LIFE INSURANCE COMPANY

SOLOMON, EMMETT G.

- 1 CROCKER NATIONAL CORPORATION
- 2 METROPOLITAN LIFE INSURANCE COMPANY
- 3 PACIFIC GAS AND ELECTRIC COMPANY

SPEER, EDGAR B.

- 1 (CHMN) UNITED STATES STEEL CORPORATION
- 2 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
- 3 PROCTER AND GAMBLE COMPANY

SWIFT, A. DEAN

- 1 COMMONWEALTH EDISON
- 2 FIRST CHICAGO CORPORATION
- 3 SEARS, ROEBUCK AND CO.

TAYLOR, HOBART, JR.

- 1 AETNA LIFE AND CASUALTY COMPANY
- 2 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
- 3 WESTINGHOUSE ELECTRIC CORPORATION

THOMAS, FRANKLIN A.

- 1 CBS, INC.
- 2 CITICORP
- 3 NEW YORK LIFE INSURANCE COMPANY

WILSON, F. PERRY

- 1 (CHMN) UNION CARBIDE CORPORATION
- 2 CONTINENTAL CORPORATION, THE
- 3 MANUFACTURERS HANOVER CORPORATION

WRISTON, WALTER P.

- 1 (CHMN) CITICORP
- 2 GENERAL ELECTRIC COMPANY
- 3 PENNEY, J. C., INC.

DIRECTORS HOLDING 4 SEATS

AYMOND, A. H.

- 1 (CHMN) CONSUMERS POWER COMPANY
- 2 KRESGE, S. S., COMPANY
- 3 NATIONAL DETROIT CORPORATION
- 4 NORTHWESTERN MUTUAL LIFE INSURANCE CO

BEERS, WILLIAM O.

- 1 AMERICAN AIR LINES, INC.
- 2 MANUFACTURERS HANOVER CORPORATION
- 3 SEARS, ROEBUCK AND CO.
- 4 UNITED STATES STEEL CORPORATION

BENNETT, GEORGE F.

- 1 FLORIDA POWER AND LIGHT COMPANY
- 2 FORD MOTOR CO.
- 3 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
- 4 MIDDLE SOUTH UTILITIES, INC.

BRIMMER, ANDREW F.

- 1 BANKAMERICA CORPORATION
- 2 DUFONT, E. I., DE NEMOURS AND CO.
- 3 INTERNATIONAL HARVESTER COMPANY
- 4 UAL, INC.

DEBUTTS, JOHN D.

- 1 (CHMN) AMERICAN TELEPHONE AND TELEGRAPH COMPANY
- 2 CITICORP
- 3 GENERAL MOTORS CORP.
- 4 UNITED STATES STEEL CORPORATION

FISCHER, CHARLES T., III

- 1 AMERICAN AIR LINES, INC.
- 2 DETROIT EDISON COMPANY
- 3 GENERAL MOTORS CORP.
- 4 NATIONAL DETROIT CORPORATION

GRIFFITHS, MARTHA W.

- 1 CHRYSLER CORPORATION
- 2 CONSUMERS POWER COMPANY
- 3 KRESGE, S. S., COMPANY
- 4 NATIONAL DETROIT CORPORATION

HARPER, JOHN DICKSON

- 1 GOODYEAR TIRE AND RUBBER COMPANY
- 2 MELLON NATIONAL CORPORATION
- 3 METROPOLITAN LIFE INSURANCE COMPANY
- 4 PROCTER AND GAMBLE COMPANY

JENKINS, GEORGE F.

- 1 (CHMN) METROPOLITAN LIFE INSURANCE COMPANY
- 2 AMERICAN BROADCASTING COMPANIES
- 3 BETHLEHEM STEEL CORPORATION
- 4 CITICORP

JOHNSON, H. W.

- 1 DUFONT, E. I., DE NEMOURS AND CO.
- 2 FEDERATED DEPARTMENT STORES, INC.
- 3 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
- 4 MORGAN, J. P., AND CO., INC.

MARTIN, WILLIAM MCCLESNEY, JR.

- 1 AMERICAN EXPRESS COMPANY
- 2 CATERPILLAR TRACTOR COMPANY
- 3 INTERNATIONAL BUSINESS MACHINES CORP.
- 4 UNITED STATES STEEL CORPORATION

MENK, LOUIS W.

- 1 (CHMN) BUPLINGTON NORTHERN, INC.
- 2 FIRST BANK SYSTEM, INC.
- 3 FIRST CHICAGO CORPORATION
- 4 INTERNATIONAL HARVESTER COMPANY

FATTERSON, ELLMORE C.

- 1 (CPMN) MORGAN, J. P., AND CO., INC.
- 2 BETHLEHEM STEEL CORPORATION
- 3 GENERAL MOTORS CORP.
- 4 SANTA FE INDUSTRIES, INC.

PERKINS, RICHARD S.

- 1 CONSOLIDATED EDISON CO OF NEW YORK
- 2 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
- 3 NEW YORK LIFE INSURANCE COMPANY
- 4 SOUTHERN PACIFIC COMPANY

SMILEY, DONALD B.

- 1 CHARTER NEW YORK CORP.
- 2 METROPOLITAN LIFE INSURANCE COMPANY
- 3 RCA CORP.
- 4 UNITED STATES STEEL CORPORATION

WRIGHT, JOSEPH S.

- 1 BETHLEHEM STEEL CORPORATION
- 2 COMMONWEALTH EDISON
- 3 CONTINENTAL ILLINOIS CORPORATION
- 4 STANDARD OIL COMPANY OF INDIANA

DIRECTORS HOLDING 5 SEATS

STATION, FRANK
 1 AMERICAN ELECTRIC POWER COMPANY, INC.
 2 ATLANTIC RICHFIELD COMPANY
 3 CBS, INC.
 4 NEW YORK LIFE INSURANCE COMPANY
 5 PAN AMERICAN WORLD AIRWAYS, INC.

WARNER, FLEMING, JR.
 1 (COMMON) MOBIL CORPORATION
 2 AMERICAN EXPRESS COMPANY
 3 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 4 CATERPILLAR TRACTOR COMPANY
 5 CHEMICAL NEW YORK CORPORATION

DIRECTORS HOLDING SIX SEATS

HOLLAND, Jerome Heartwell

1 AMERICAN TELEPHONE & TELEGRAPH COMPANY
 2 CHRYSLER CORPORATION
 3 CONTINENTAL CORPORATION
 4 FEDERATED DEPARTMENT STORES, INC.
 5 MANUFACTURERS HANOVER CORP
 6 UNION CARBIDE CORPORATION

**DIRECTORS SITTING ON SIX TO THIRTEEN
MAJOR OR MINOR BOARDS**

DIRECTORS HOLDING 6 SEATS

AMBRANOT, ROGER S.

- 1 MELLON NATIONAL CORPORATION
- 2 ALLERMAN-LOUDEM INDUSTRIES, INC.
- 3 EQUITABLE GAS CO.
- 4 HAMMERMILL PAPER CO.
- 5 MOORE & MCCORMICK RESOURCES, INC.
- 6 TITANIUM METALS CORP.

ALDINGTON, LORD

- 1 CITICORP
- 2 GENERAL ELECTRIC COMPANY LTD.
- 3 LLOYDS BANK LTD.
- 4 NATIONAL NUCLEAR CORPORATION LTD.
- 5 SUP ALLIANCE & LONDON INSURANCE LTD.
- 6 WESTLAND AIRCRAFT LTD.

ALPERT, ROBERT

- 1 CONSOLIDATED FREIGHTWAYS, INC.
- 2 ALPERT CORP.
- 3 FIRST TEXAS SAVINGS
- 4 HOPCHOW CORP.
- 5 TENNESSEE NATURAL GAS LINES INC.
- 6 TEXAS INDUSTRIES, INC.

ANDERSON, ROBERT B.

- 1 GOODYEAR TIRE AND RUBBER COMPANY
- 2 PAN AMERICAN WORLD AIRWAYS, INC.
- 3 SECURITY PACIFIC CORP.
- 4 CELANESE CORP.
- 5 HOSPITAL CORP. OF AMERICA
- 6 ROCKWELL INTERNATIONAL CORP.

BAYLIS, CHESTER, JR.

- 1 BANKERS TRUST NEW YORK CORP
- 2 BALTIMORE GAS & ELECTRIC CO.
- 3 GREAT AMERICAN INDUSTRIES, INC.
- 4 HUYCK CORP.
- 5 INTERNATIONAL MINERALS & CHEMICAL CORP.
- 6 MELVILLE CORP.

BECK, P. A.

- 1 PRUDENTIAL INSURANCE CO. OF AMERICA
- 2 CAMPBELL SOUP CO.
- 3 CARROLL DEVELOPMENT CORP.
- 4 CHANNEL 13, PUBLIC TELEVISION
- 5 DENNYS INC.
- 6 XEROX CORP.

BICKMORE, LEE S.

- 1 BANKERS TRUST NEW YORK CORP
- 2 WESTERN ELECTRIC CO., INC.
- 3 CARRIER CORP.
- 4 HART SCHAFFNER & MARX
- 5 MUTUAL LIFE INSURANCE CO. OF NEW YORK
- 6 NABISCO, INC.

BINGER, JAMES H.

- 1 CHASE MANHATTAN CORP.
- 2 NORTHWEST AIRLINES, INC.
- 3 HONEYWELL, INC.
- 4 KODICOR, INC.
- 5 MINNESOTA MINING & MANUFACTURING CO.
- 6 NORTHWESTERN BELL TELEPHONE CO.

BOND, WILLIAM ROBERT

- 1 SOUTHERN RAILWAY COMPANY
- 2 ALABAMA RAILROAD CORPORATION
- 3 ASARCO, INC.
- 4 FIRST NATIONAL BANK OF BIRMINGHAM
- 5 IDEAL BASIC INDUSTRIES, INC.
- 6 MEAD CORP.

BURDITT, JOHN F.

- 1 GENERAL PUBLIC UTILITIES CORP.

2 ACF INDUSTRIES, INC.
 3 AMSTAR CORP.
 4 ARRENDADORA DE CARRAS DE FERROCARRIL DEL ATLANTICO, S. A.
 5 POLYMER CORP.
 6 SEAFORD SURETY CO.

BUTTON, JAMES W.
 1 CHEMICAL NEW YORK CORPORATION
 2 SEARS, ROEBUCK AND CO.

3 ALLSTATE INSURANCE CO.
 4 HARRIS BANKCORP. INC.
 5 HOMART DEVELOPMENT CO.
 6 SIMPSON-SEARS LTD.

CLEARY, CATHERINE B.
 1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 2 GENERAL MOTORS CORP.
 3 NORTHWESTERN MUTUAL LIFE INSURANCE CO.
 4 FIRST WISCONSIN CORP.
 5 KOHLER CO.
 6 KRAFT CO. CORP.

CONWAY, VIRGIL E.
 1 CONSOLIDATED EDISON CO. OF NEW YORK
 2 ATLANTIC MUTUAL INSURANCE CO.
 3 CENTENNIAL INSURANCE CO.
 4 NATIONAL SECURITIES & RESEARCH CORP.
 5 SEAMAN'S BANK FOR SAVINGS
 6 STEVENS, J. P. & CO., INC.

COSTANZO, G. A.
 1 CITICORP
 2 BEATRICE FOODS CO.
 3 INTERNATIONAL BANKING CORP.
 4 MERCANTILE BANK OF CANADA
 5 NCP CORP.
 6 OWENS-ILLINOIS, INC.

CUNNINGHAM, HARRY B.
 1 KRESGE, S. S., COMPANY
 2 NATIONAL DETROIT CORPORATION
 3 BENDIX CORP.
 4 BURLINGHOPE CORP.
 5 NATIONAL STEEL CORP.
 6 WARNER-LAMBERT CO.

DAVIS, W. ROBERT
 1 PUBLIC SERVICE ELECTRIC AND GAS CO.
 2 BANKSHARES OF NEW JERSEY
 3 BANK OF NEW JERSEY
 4 CAMDEN FIRE INSURANCE ASSN.
 5 PENNA GENERAL INSURANCE CO.
 6 POTOMAC INSURANCE CO.

DI GIORGIO, ROBERT
 1 BANKAMERICA CORPORATION
 2 UNION OIL COMPANY OF CALIFORNIA
 3 CARTER HAWLEY HALE STORES, INC.
 4 DIGIORGIO CORP.
 5 NEWHALL LAND & FARMING CO.
 6 PACIFIC TELEPHONE & TELEGRAPH CO.

DRICK, JOHN E.
 1 FIRST CHICAGO CORPORATION
 2 CENTRAL ILLINOIS PUBLIC SERVICE CO.
 3 MCA, INC.
 4 OAK INDUSTRIES, INC.
 5 OUTDOOR SPORTS INDUSTRIES, INC.
 6 STEPHAN CHEMICAL CO.

FAREWELL, FRANK L.
 1 FIRST NATIONAL BOSTON CORP.
 2 AMERICAN MUTUAL INSURANCE CO.
 3 ARKWRIGHT-BOSTON MANUFACTURERS MTL.
 4 BOSTON EDISON CO.
 5 DENNISON MANUFACTURING CO.
 6 LIBERTY MUTUAL INSUR. CO.

FERRE, ANTONIO LUIS

- 1 AMERICAN AIR LINES, INC.
- 2 BANCO DE PONCE
- 3 BANK OF MIAMI
- 4 EL NUEVO DIA, INC.
- 5 MAULE INDUSTRIES, INC.
- 6 PUERTO RICAN CEMENT CO., INC.

FINKELSTEIN, JERRY

- 1 ABD IND. INC.
- 2 CHICAGO MILWAUKEE CORPORATION
- 3 CHICAGO, MILWAUKEE, ST PAUL & PAC RR
- 4 STRUTHERS SCIENTIFIC & INTERNATL. CORP.
- 5 STRUTHERS THERMO FLOOD CORP.
- 6 STRUTHERS WELLS CORP.

FISCHER, CHARLES T., III

- 1 AMERICAN AIR LINES, INC.
- 2 DETROIT EDISON COMPANY
- 3 GENERAL MOTORS CORP.
- 4 NATIONAL DETROIT CORPORATION
- 5 HIPAM-WALKER-GOODERHAM & WAPTS, LTD.
- 6 NATIONAL BANK OF DETROIT

GALLIGAN, THOMAS J., JR.

- 1 FIRST NATIONAL BOSTON CORP.
- 2 BOSTON EDISON CO.
- 3 CABOT CORP.
- 4 CRAMER ELECTRONICS INC.
- 5 LIBERTY MUTUAL INSUR. CO.
- 6 NEW ENGLAND MUTUAL INSUR. CO.

GILPATRIC, ROSWELL L.

- 1 CBS, INC.
- 2 EASTERN AIRLINES, INC.
- 3 BEDFORD STUYVESANT D & S CORP.
- 4 CORNING GLASS WORKS
- 5 EASTERN AIRLINES INC.
- 6 FAIRCHILD CAMERA AND INSTRUMENT CORP.

GRAHAM, JOHN W.

- 1 TRAVELERS INSURANCE COMPANY
- 2 NATOMAS OF CANADA, LTD.
- 3 ROGERS CABLE COMMUNICATIONS, LTD.
- 4 ROGERS RADIO BROADCASTING, LTD.
- 5 TRAVELERS CANADIAN COMPANION
- 6 VICTOR & GREY TRUST CO.

GRAY, HARRY J.

- 1 AETNA LIFE AND CASUALTY COMPANY
- 2 CITICORP
- 3 EXXON CORPORATION
- 4 OTIS ELEVATOR CO.
- 5 PRATT & WHITNEY AIRCRAFT OF CANADA, LTD.
- 6 UNITED TECHNOLOGIES CORP.

GUPNESS, ROBERT C.

- 1 CHICAGO MILWAUKEE CORPORATION
- 2 CHICAGO, MILWAUKEE, ST PAUL & PAC RR
- 3 CONSOLIDATED FOODS CORPORATION
- 4 FOOTE CONE AND BELDING COMMUNICATIONS INC.
- 5 HARRIS BANKCORP INC.
- 6 INLAND STEEL CO.

HAACK, ROBERT WILLIAM

- 1 HERRILL LYNCH AND COMPANY, INC.
- 2 AMERICAN APPRAISAL ASSOCIATES INC.
- 3 AVIS, INC.
- 4 LOCKHEED AIRCRAFT CORPORATION
- 5 MARSH & MCLENNAN COMPANIES, INC.
- 6 NABISCO, INC.

HALL, FLOYD D.

- 1 (CHMN) EASTERN AIRLINES, INC.
- 2 CLUETT PEABODY AND CO., INC.
- 3 INTERNATIONAL AIR TRANSPORT ASSN.

4 NEW YORK TELEPHONE COMPANY
5 ROYAL BANK OF CANADA, THE
6 SOUTHEAST BANKING CORP.

MATCH, EDWIN I.

1 SEABOARD COAST LINE INDUSTRIES, INC.
2 SOUTHERN COMPANY

3 CITY INVESTING CO.
4 FIRST NATIONAL HOLDING CORP.
5 GEORGIA POWER CO.
6 HOME INSURANCE CO.

MENLEY, HENRY H., JR.

1 AMERICAN EXPRESS COMPANY
2 GENERAL ELECTRIC COMPANY
3 MANUFACTURERS HANOVER CORPORATION

4 BRISTOL-MYERS CO.
5 CLUETT PEABODY AND CO., INC.
6 HOME LIFE INSURANCE CO.

HOLDERNESS, HOWARD DAIL

1 DUKE POWER CO.

2 CAROLINA TELEPHONE & TELEGRAPH CO.
3 JEFFERSON STANDARD BROADCASTING CO.
4 JEFFERSON STANDARD LIFE INSURANCE CO.
5 JEFFERSON-PILOT CORP.
6 UNITED TELECOMMUNICATIONS INC.

HOUGHTON, AMORY, JR.

1 CITICORP
2 INTERNATIONAL BUSINESS MACHINES CORP.

3 CORNING GLASS WORKS
4 CORNING INTERNATIONAL CORP.
5 DOW CORNING CORP.
6 NEW YORK TELEPHONE COMPANY

HOUGHTON, J. R.

1 METROPOLITAN LIFE INSURANCE COMPANY
2 MORGAN, J. P., AND CO., INC.

3 CORNING GLASS WORKS
4 CORNING INTERNATIONAL CORP.
5 DOW CORNING CORP.
6 SPERRY & HUTCHINSON CO.

JENKINS, WILLIAM W.

1 UAL, INC.

2 PACIFIC NORTHWEST BELL TELEPHONE CO.
3 SAFECO CORP.
4 SCOTT PAPER CO.
5 SEATTLE FIRST NATIONAL BANK
6 WESTERN GEAR CORP.

JOHNSON, H. W.

1 DUPONT, E. I., DE NEMOURS AND CO.
2 FEDERATED DEPARTMENT STORES, INC.
3 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
4 MORGAN, J. P., AND CO., INC.

5 CHAMPION INTERNATIONAL CORP.
6 MASS. INST. OF TECHNOLOGY

JONES, GILBERT E.

1 CONTINENTAL OIL COMPANY
2 DUPONT, E. I., DE NEMOURS AND CO.
3 INTERNATIONAL BUSINESS MACHINES CORP.

4 GENERAL REINSURANCE CORP.
5 IRM WORLD TRADE CORP.
6 UNITED STATES TRUST COMPANY

JONES, HORACE C.

1 UNION CARBIDE CORPORATION

2 ALAN WOOD STEEL CO.
3 BURLINGTON INDUSTRIES, INC.
4 PROVIDENT MUTUAL LIFE INSURANCE CO. OF PHILA.
5 UNION CAMP CORP.
6 WACHOVIA CORP.

KAISER, EDGAR F.

1 BANKAMERICA CORPORATION
 2 KAISER ALUMINUM & CHEMICAL CORP.
 3 KAISER CEMENT & GYPSUM CORP.
 4 KAISER INDUSTRIES CORP.
 5 KAISER RESOURCES LTD.
 6 KAISER STEEL CORP.

KEMPNER, THOMAS L.

1 FIRST CHARTER FINANCIAL CORP.
 2 CRANES ELECTRONICS
 3 GENERAL INSTRUMENT CORP.
 4 HEALTHCO, INC.
 5 LOEH, THODES & CO., INC.
 6 SEMTECH CORP.

KIRBY, FRED MORGAN, II

1 (CHMN) INVESTORS DIVERSIFIED SERVICES, INC.
 2 WOOLWORTH, F. W., CO.
 3 ALLEGHANY CORPORATION
 4 DILLARD PAPER CO.
 5 PITTSBURGH CO., THE
 6 U. S. INDUSTRIES, INC.

KNUDSEN, SEMON E.

1 UAL, INC.
 2 COWLES COMMUNICATIONS INC.
 3 FIRST NATIONAL BANK OF PALM BEACH
 4 MICHIGAN NATIONAL CORPORATION
 5 OHIO BELL TELEPHONE CO.
 6 WHITE MOTOR CORPORATION

LAPORTE, WILLIAM F.

1 MANUFACTURERS HANOVER CORPORATION
 2 AMERICAN HOME PRODUCTS CORP.
 3 AMERICAN STANDARD INC.
 4 AYEPT INTERNATIONAL, INC.
 5 INTERNATIONAL CHEMICAL CO., LTD.
 6 WYETH LABORATORIES

LAY, HERMAN W.

1 BRANIFF INTERNATIONAL CORPORATION
 2 DUKE POWER CO.
 3 FIRST INTERNATIONAL BANKSHARES INC.
 4 PEPSICO INC.
 5 SOUTHERN LIFE CORP.
 6 THIRD NATIONAL BANK IN NASHVILLE

LAZARUS, CHARLES Y.

1 FEDEPATED DEPARTMENT STORES, INC.
 2 ASSOCIATED MERCHANDISING CORP.
 3 F & R LAZARUS CO.
 4 FEDERAL RESERVE BANK OF CLEVELAND
 5 INTERSTATE STORES, INC.
 6 MIDLAND MUTUAL LIFE INSURANCE CO.

LEBLOND, DANIEL W.

1 FEDERATED DEPARTMENT STORES, INC.
 2 EAGLE Picher INDUSTRIES, INC.
 3 EMERY INDUSTRIES
 4 FIFTH THIRD BANKCORP
 5 LEBLOND, INC.
 6 OHIO NATIONAL LIFE INSURANCE CO.

LORD, CHARLES E.

1 AETNA LIFE AND CASUALTY COMPANY
 2 RAYLISS-MANNING CORP.
 3 KAMAN CORP.
 4 W. A. PHILLIPS CORP.
 5 SCHROEDER, J. HENRY, BANKING CORP.
 6 SCHILL MANUFACTURING CO.

MACBAIN, GAVIN KEITH

1 PENNEY, J. C., CO., INC.
 2 INTERNATIONAL FLAVORS & FRAGRANCES INC.
 3 KENNECOTT COPPER CORP.
 4 NEW YORK STOCK EXCHANGE
 5 SIMPLICITY PATTERN CO., INC.

6 UNITED STATES TRUST COMPANY

MACIOCE, THOMAS M.

- 1 AMERICAN BROADCASTING COMPANIES
- 2 MANUFACTURERS HANOVER CORPORATION
- 3 ALLIED STORES CORP.
- 4 EQUITABLE LIFE MORTGAGE & REALTY INVESTORS
- 5 HERCULES INC.
- 6 MANUFACTURERS HANOVER TRUST CO.

MAYEE, JOHN A.

- 1 GENERAL MOTORS CORP.
- 2 MELLON NATIONAL CORPORATION
- 3 NORFOLK AND WESTERN RAILWAY COMPANY
- 4 ALUMINUM COMPANY OF AMERICA
- 5 HEINZ, H. J., CO.
- 6 PPG INDUSTRIES, INC.

MCCALL, HOWARD W., JR.

- 1 TEXACO, INC.
- 2 INMONT CORP.
- 3 LIGGETT GROUP INC.
- 4 LYKES YOUNGSTOWN CORP.
- 5 MASS MUTUAL INVESTORS, INC.
- 6 MUTUAL LIFE INSURANCE CO. OF NEW YORK

MCCARDELL, ARCHIE P.

- 1 AMERICAN EXPRESS COMPANY
- 2 CONTINENTAL OIL COMPANY
- 3 FUJI XEROX CO., LTD.
- 4 GENERAL FOODS CORP.
- 5 RANK XEROX, LTD.
- 6 XEROX CORP.

MCCOULOUGH, C. PETER

- 1 CITICORP
- 2 FUJI XEROX CO., INC.
- 3 HEADY INTERNATIONAL CO.
- 4 MCCONE, JOHN A.
- 5 RANK XEROX, LTD.
- 6 XEROX CORP.

MCCRACKEN, PAUL W.

- 1 KRESGE, S. S., COMPANY
- 2 CONSOLIDATED FOODS CORPORATION
- 3 HOOVER BALL & BEARING CO.
- 4 INVESTORS GROUP FUNDS
- 5 LINCOLN NATIONAL CORP.
- 6 TEXAS INSTRUMENTS, INC.

MCGUIRK, WILLIAM EDWARD, JR.

- 1 SEABOARD COAST LINE INDUSTRIES, INC.
- 2 DUN AND BRADSTREET COMPANIES, INC.
- 3 KIRK CORP.
- 4 LOUISVILLE & NASHVILLE RAILROAD CO.
- 5 MERCANTILE BANK SHARES CORP.
- 6 MOUNT VERNON MILLS INC.

MOORE, WILLIAM H.

- 1 BANKERS TRUST NEW YORK CORP.
- 2 INTERNATIONAL BUSINESS MACHINES CORP.
- 3 AMERICAN CAN COMPANY
- 4 HANNA MINING CO.
- 5 NABISCO, INC.
- 6 ROYAL GLOBE INSURANCE COMPANIES

MORGAN, JOHN A.

- 1 WESTERN ELECTRIC CO., INC.
- 2 BUTLER MANUFACTURING CO.
- 3 LOGISTICS MANAGEMENT INSTITUTE
- 4 PANHANDLE EASTERN PIPE LINE CO.
- 5 PATTERSON, C. J., CO.
- 6 WOLFF BROS.

MUMFORD, MILTON C.

- 1 CONSOLIDATED EDISON CO. OF NEW YORK
- 2 EQUITABLE LIFE ASSURANCE

3 ATCO INDUSTRIES INC.
 4 CROWN ZELLEPRACH CORP.
 5 LEVER BROTHERS CO.
 6 THOMAS J. LIPTON, INC.

MURPHY, FRANKLIN D.
 1 FORD MOTOR CO.

2 BANK OF AMERICA N. T. & N. A.
 3 HALLMARK CARDS, INC.
 4 NOPTON SIMON, INC.
 5 SAMUEL H. KRESS FOUNDATION
 6 TIMES MIRROR CO.

NICHOLS, GUY W.
 1 FIRST NATIONAL BOSTON CORP.

2 NEW ENGLAND ELECTRIC SYSTEM
 3 STATE MUTUAL LIFE ASSURANCE CO.
 4 STATE MUTUAL LIFE INSURANCE CO.
 5 YANKEE ATOMIC ELECTRIC CO.
 6 YANKEE ATOMIC ELECTRIC CO.

NYROP, DONALD W.
 1 (CHMN) NORTHWEST AIRLINES, INC.
 2 FIRST BANK SYSTEM, INC.
 3 GOULD, INC.
 4 HONEYWELL, INC.
 5 MINNESOTA MUTUAL LIFE INS. CO.
 6 NORTHWESTERN BELL TELEPHONE CO.

O'KEEFE, BERNARD J.
 1 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 2 BOSTON EDISON CO.
 3 EG & G INC.
 4 INTERCONTINENTAL ENERGY CORP.
 5 LIFE CORP.
 6 NEW ENGLAND MERCHANTS CO., INC.

OSBORN, PRIME FRANCES, III
 1 SEABOARD COAST LINE INDUSTRIES, INC.
 2 ALICO INC.
 3 ETHYL CORP.
 4 FIRST KENTUCKY NATIONAL CORP.
 5 LOUISVILLE & NASHVILLE RAILROAD CO.
 6 RICHMOND FREDERICKSBURG & POTOMAC RAILROAD

OWEN, RALPH
 1 AMERICAN EXPRESS COMPANY
 2 HOLIDAY INNS, INC.
 3 MURPHY OIL CORP.
 4 NASHVILLE GAS CO.
 5 OWENS, R. C., CO.
 6 TENNESSEE NATURAL GAS LINES INC.

PETRY, NICHOLAS R.
 1 UAL, INC.
 2 REAR VALLEY CORP.
 3 COLORADO NATIONAL BANK
 4 COLORADO NATIONAL BANKSHARES, INC.
 5 PETRY-VAPPI CONSTRUCTION CO.
 6 PUBLIC SERVICE COMPANY OF COLORADO

PIERCE, SAMUEL RILEY, JR.
 1 GENERAL ELECTRIC COMPANY
 2 PRUDENTIAL INSURANCE CO. OF AMERICA
 3 INTERNATIONAL BASIC ECONOMY CORP.
 4 INTERNATIONAL PAPER CO.
 5 RAND CORP.
 6 U. S. INDUSTRIES, INC.

PIVIROTT, RICHARD R.
 1 CHEMICAL NEW YORK CORPORATION
 2 NEW YORK LIFE INSURANCE COMPANY
 3 WESTINGHOUSE ELECTRIC CORPORATION
 4 ASSOCIATED DRY GOODS CORP.
 5 BOWERY SAVINGS BANK
 6 GENERAL AMERICAN INVESTORS CO, INC.

FROCKNOW, DONALD E.

- 1 (CHMN) WESTERN ELECTRIC CO., INC.
- 2 MORGAN, J. P., AND CO., INC.
- 3 PRUDENTIAL INSURANCE CO. OF AMERICA
- 4 BELL TELEPHONE LABORATORIES, INC.
- 5 CPC INTERNATIONAL, INC.
- 6 INCERSOLL-RAND CO.

PEESE, ADDISON H.

- 1 DUKE POWER CO.
- 2 ENGRAPH, INC.
- 3 NCNB CORP.
- 4 NORTH CAROLINA NATIONAL BANK
- 5 RUDDICK CORP.
- 6 SPEISMAN INDUSTRIES INC.

ROCKWELL, WILLARD F., JR.

- 1 MELLON NATIONAL CORPORATION
- 2 ALLEGHANY-LUDLUM INDUSTRIES, INC.
- 3 EL PASO CO.
- 4 LONE STAR INDUSTRIES, INC.
- 5 ROCKWELL INTERNATIONAL CORP.
- 6 ROCKWELL INTERNATIONAL CORP.

ROMATYN, FELIX G.

- 1 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
- 2 ENGELHARD MINERALS & CHEMICALS CORP.
- 3 HOWART TURBINE COMPONENTS CORP.
- 4 OWENS-ILLINOIS, INC.
- 5 PECHINEY UGINE KUHLMANN CORP.
- 6 PFIZER INC.

ROTH, ROBERT W.

- 1 UNION PACIFIC CORPORATION
- 2 WESTERN BANCORPORATION
- 3 CROWN ZELLERBACH CORP.
- 4 HAYDEN ISLAND INC.
- 5 JANTZEN INC.
- 6 PORTLAND GENERAL ELECTRIC CO.

SCHOELLKOPF, PAUL A., JR.

- 1 MARINE MIDLAND BANKS, INC.
- 2 ALLEGHENY AIRLINES INC.
- 3 NIAGARA FRONTIER HOCKEY CORP.
- 4 NIAGARA SHARE CORP.
- 5 ONTARIO MARINE, INC.
- 6 TRICO PRODUCTS CORP.

SHIAN, RICHARD R.

- 1 CHASE MANHATTAN CORP.
- 2 METROPOLITAN LIFE INSURANCE COMPANY
- 3 ALLIED CHEMICAL CORP.
- 4 MAY DEPT. STORES CO.
- 5 MORTON SIMON, INC.
- 6 SPERRY RAND CORP.

SILLIMAN, STUART FURRISH

- 1 INVESTORS DIVERSIFIED SERVICES, INC.
- 2 DOMAIN INDUSTRIES, INC.
- 3 JOSTENS INC.
- 4 NATIONAL DATA COMMUNICATIONS, INC.
- 5 NEWMONT MINING CORP.
- 6 NORTH AMERICAN FINANCIAL CORP.

SIMMONS, ROY W.

- 1 PENINSULAR LIFE INSURANCE CO.
- 2 KENNECOTT COPPER CORP.
- 3 MOUNTAIN FUEL SUPPLY CO.
- 4 RIO GRANDE INDUSTRIES, INC.
- 5 UTAH-PORTLAND CEMENT CO.
- 6 ZIONS UTAH BANCORPORATION

SIMONS, CHARLES J.

- 1 EASTERN AIRLINES, INC.
- 2 BANK OF COMMERCE (NYC)
- 3 DORADO BEACH DEVELOPMENT, INC.

4 EXECUTIVE SPORTS, INC.
 5 SOUTHEASTERN FIRST NATIONAL BANK OF MIAMI SPRINGS
 6 TERMINAL SALES CO., INC.

SINGER, EDWIN

1 GULF OIL CORPORATION
 2 CORPUS CHRISTI BANK AND TRUST
 3 DUN AND BRADSTREET COMPANIES, INC.
 4 RALSTON PURINA CORP.
 5 WHITCOM INVESTMENT CO.
 6 WHITNEY COMMUNICATIONS CORP.

SFENCER, WILLIAM I.

1 CITICORP
 2 SEARS, ROEBUCK AND CO.
 3 ASIA PACIFIC CAPITAL CORP.
 4 DEPOSITORY TRUST CO.
 5 FALCONBRIDGE NICKEL MINES LTD.
 6 UNITED TECHNOLOGIES CORP.

SUERTH, JOHN C.

1 CONSUMERS POWER COMPANY
 2 GERBER PRODUCTS CO.
 3 HERSHEY FOODS CORP.
 4 KYSOP INDUSTRIAL CORP.
 5 OLD KENT FINANCIAL CORP.
 6 SEALED POWER CORP.

THOMAS, FRANKLIN A.

1 CBS, INC.
 2 CITICORP
 3 NEW YORK LIFE INSURANCE COMPANY
 4 ALLIED STORES CORP.
 5 CUMMINS ENGINE CO., INC.
 6 NEW YORK TELEPHONE COMPANY

THORTON, CHARLES B.

1 TRANS WORLD AIRLINES, INC.
 2 WESTERN RAN CORPORATION
 3 HOLLYWOOD PARK, INC.
 4 LITTON INDUSTRIES, INC.
 5 MCA, INC.
 6 SPECIALTY RESTAURANTS CORP.

TILLINGHAST, CHARLES C.

1 (CHMN) TRANS WORLD AIRLINES, INC.
 2 (CHMN) AMERICAN GENERAL CAPITAL MANAGEMENT, INC.
 3 AMSTAR CORP.
 4 LEISURE DYNAMICS, INC.
 5 MERCK & CO., INC.
 6 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 7 WHITE WELD CO.

VOGTLE, ALVIN W., JR.

1 (CHMN) SOUTHERN COMPANY
 2 SEABOARD COAST LINE INDUSTRIES, INC.
 3 ALABAMA POWER CO.
 4 GEORGIA POWER CO.
 5 PROTECTIVE LIFE INSURANCE CO.
 6 UNION CAMP CORP.

WALKER, JAMES H.

1 EQUITABLE LIFE ASSURANCE
 2 ELFUN TRUSTS
 3 KLEINWORT BENSON INTERNATIONAL FUND
 4 SMITH BARNEY EQUITY FUND, INC.
 5 SMITH BARNEY INCOME AND GROWTH FUND
 6 TRANSATLANTIC FUND, INC.

WALKER, WILBERT A.

1 CHEMICAL NEW YORK CORPORATION
 2 UNITED STATES STEEL CORPORATION
 3 AMERICAN STANDARD INC.
 4 MARSH & MCLENNAN COMPANIES, INC.
 5 MOLLER INDUSTRIES, INC.
 6 SOUTHEAST FIRST BANK OF LARGO, FLORIDA

WALTER, JAMES W.
 1 GENERAL TELEPHONE AND ELECTRONICS CORP.
 2
 3 CELOTEX CORP.
 4 CROWN INDUSTRIES
 5 HELLER, WALTER E., AND CO.
 6 NATIONAL LIFE OF FLORIDA CORP.
 7 WALTER, JIM, CORP.

WENTWORTH, NATHAN A.
 1 CONTINENTAL CORPORATION, THE
 2 PUBLIC SERVICE ELECTRIC AND GAS CO.
 3
 4 EAST RIVER SAVINGS BANK
 5 EXPORT-IMPORT BANK OF U. S.
 6 FIDELITY UNION BANK CORPORATION
 7 FRANKLIN LIFE INSURANCE CO.

WOLPACH, WILLIAM W.
 1 SEABOARD COAST LINE INDUSTRIES, INC.
 2
 3 BOSTON CO., INC.
 4 BOSTON SAFE DEPOSIT AND TRUST CO.
 5 STGP & SHOP COMPANIES, INC.
 6 SUFFOLK-FRANKLIN SAVINGS BANK
 7 WEST POINT-PEPPERELL, INC.

WOOD, ARTHUR M.
 1 (CHMN) SEARS, ROEBUCK AND CO.
 2 CONTINENTAL ILLINOIS CORPORATION
 3
 4 ALLSTATE INSURANCE CO.
 5 HOWART DEVELOPMENT CO.
 6 QUAKER OATS CO.
 7 SIMPSON-SEARS LTD.

WRIGHT, JOSEPH S.
 1 BETHLEHEM STEEL CORPORATION
 2 COMMONWEALTH EDISON
 3 CONTINENTAL ILLINOIS CORPORATION
 4 STANDARD OIL COMPANY OF INDIANA
 5
 6 SUNBEAM CORP.
 7 ZENITH RADIO CORP.

DIRECTORS HOLDING 7 SEATS

ALLEN, IVAN, JR.

- 1 EQUITABLE LIFE ASSURANCE
- 2 ALLEN, IVAN, CO.
- 3 AMCO INVESTMENT CO.
- 4 COX BROADCASTING CO.
- 5 MFAD CORP.
- 6 RICH'S, INC.
- 7 SOUTHERN BELL TELEPHONE & TELEGRAPH COFF

AUSTIN, J. PAUL

- 1 GENERAL ELECTRIC COMPANY
- 2 MORGAN, J. P., AND CO., INC.
- 3 COCA-COLA CO.
- 4 DOW JONES AND CO., INC.
- 5 RAND CORPORATION
- 6 RICH'S, INC.
- 7 TRUST COMPANY OF GEORGIA

AYERS, THOMAS G.

- 1 (CHMN) COMMONWEALTH EDISON
- 2 FIRST CHICAGO CORPORATION
- 3 SEARS, ROEBUCK AND CO.
- 4 NORTHWEST INDUSTRIES, INC.
- 5 SEARLE, G. D., & CO.
- 6 TRIBUNE COMPANY
- 7 ZENITH RADIO CORP.

BEEFS, WILLIAM O.

- 1 AMERICAN AIR LINES, INC.
- 2 MANUFACTURERS HANOVER CORPORATION
- 3 SEARS, ROEBUCK AND CO.
- 4 UNITED STATES STEEL CORPORATION
- 5 ALLIS-CHALMERS CORP.
- 6 KRAFTCO CORP.
- 7 SMITH, A. G., CORP.

BELL, DRUMMOND C.

- 1 CONTINENTAL CORPORATION, THE
- 2 ALMADEN VINEYARDS INC.
- 3 AVIS, INC.
- 4 NATIONAL DISTILLEPS & CHEMICAL CORP.
- 5 NATIONAL REINSURANCE CORP.
- 6 PANHANDLE EASTERN PIPE LINE CO.
- 7 SURVEYOR FUND, INC.

BERE, JAMES F.

- 1 CONTINENTAL ILLINOIS CORPORATION
- 2 ABBOTT LABORATORIES, INC.
- 3 BORG WARNER ACCEPTANCE CORP.
- 4 FIRESTONE TIRE AND RUBBER CO.
- 5 HUGHES TOOL CO.
- 6 ILLINOIS BELL TELEPHONE CO.
- 7 NORTHWEST INDUSTRIES, INC.

BRIDGES, ROBERT L.

- 1 WELLS FARGO AND COMPANY
- 2 BECHTEL SOUTHERN CORP.
- 3 CRUM & FORSTER
- 4 ENERGY TRANSPORTATION SYSTEMS INC.
- 5 ENGINEERING MANAGEMENT INC.
- 6 INDUSTRIAL INDEMNITY CO.
- 7 TRANS MOUNTAIN OIL PIPE LINE CO.

FRYAR, ANTHONY J. A.

- 1 CHRYSLER CORPORATION
- 2 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
- 3 SOUTHERN RAILWAY COMPANY
- 4 CAMERON IRON WORKS, INC.
- 5 FIRST CITY BANKCORPORATION OF TEXAS INC.
- 6 GREAT SOUTHERN CORP.
- 7 HAMILTON BROTHERS PETROLEUM CORP.

CASEY, SAMUEL P., JR.

- 1 MELLON NATIONAL CORPORATION
- 2 AMERICAN CHAIN & CABLE CO.
- 3 BIRMINGHAM FIRE INS. CO.

4 DIXON JOSEPH CRUICKLE CO.
5 ESMARCK, INC.
6 NATIONAL UNION LIFE
7 PULLMAN, INC.

CATHCART, SILAS S.

1 GENERAL ELECTRIC COMPANY

2 AMERICAN HOSPITAL SUPPLY CORP.
3 DICK, A. B., CO.
4 ILLINOIS TOOL WORKS, INC.
5 JEWEL COMPANIES, INC.
6 NORTRUST CORP.
7 QUAKER OATS CO.

CHARLIE, ROBERT A.

1 FIRST NATIONAL BOSTON CORP.

2 CABOT CORP.
3 CHAMPION INTERNATIONAL CORP.
4 GENERAL CINEMA CORP.
5 HONEYWELL, INC.
6 MITRE CORP.
7 SPRAGUE ELECTRIC CO.

CHUBB, PERCY, III

1 SAFEWAY STORES, INC.

2 CHUBB CORPORATION
3 COLONIAL LIFE INSURANCE CO.
4 FEDERAL INSURANCE CO.
5 FIDELITY UNION TRUST CO.
6 UNITED LIFE & ACCIDENT CO.
7 WOOD FORD FARM CO.

DAVIS, C. MALCOLM

1 PRUDENTIAL INSURANCE CO. OF AMERICA
2 PUBLIC SERVICE ELECTRIC AND GAS CO.

3 ALLIED BANK INTERNATIONAL
4 BAMBERGER'S
5 FIDELITY UNION BANK CORPORATION
6 FIDELITY UNION TRUST CO.
7 PENNVALT CORP.

DE BRETTEVILLE, CHARLES

1 PACIFIC GAS AND ELECTRIC COMPANY
2 SAFEWAY STORES, INC.
3 SHELL OIL COMPANY

4 AMFAC, INC.
5 BANCAL TRI STATE CORP.
6 BANK OF CALIFORNIA
7 TRI-STATE CORP.

DILLWORTH, J. RICHARDSON

1 CHASE MANHATTAN CORP.
2 CHRYSLER CORPORATION

3 INTERNATIONAL BASIC ECONOMY CORP.
4 MACY, R. H., AND CO., INC.
5 OMEGA FUND, INC.
6 ROCKEFELLER CENTER, INC.
7 ROCKEFELLER FAMILY & ASSOCIATES

DOSSON, SIR RICHARD

1 EXXON CORPORATION

2 B. J. T. INDUSTRIES, LTD.
3 BRITISH LEYLAND, LTD.
4 DAVY INTERNATIONAL, LTD.
5 FORSECO MINSEP, LTD.
6 MOLINS, LTD.
7 TOBACCO SECURITIES TRUST CO, LTD.

DODD, EDWIN D.

1 GOODYEAR TIRE AND RUBBER COMPANY
2 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

3 NATIONAL PETRO CHEMICAL CORP.
4 NORTHWEST OHIO BANKSHARES, INC.
5 OHIO BELL TEL CO.
6 OWENS-ILLINOIS, INC.
7 TOLEDO TRUST CO.

DUFFY, EDWARD W.

1 (CHMN) MARINE MIDLAND BANKS, INC.

2 BUFFALO FORGE COMPANY
 3 CHEMTRON CORP.
 4 HELLER, WALTER E., INTERNATIONAL CORP.
 5 NIAGARA MOHAWK POWER CORPORATION
 6 UNITED STATES GYPSUM CO.
 7 UTICA MUTUAL INSURANCE CO.

CEIR, PHILLIP O., JR.
 1 GOODYEAR TIRE AND RUBBER COMPANY
 2 PROCTER AND GAMBLE COMPANY
 3 ARMCO STEEL CORP.
 4 CINCINNATI BELL, INC.
 5 CINCINNATI MELACRON, INC.
 6 FIRST NATIONAL BANK OF CINCINNATI
 7 HOBART CORP.

GERSTOCKER, CARL A.
 1 KRESGE, S. S., COMPANY
 2 CARRIER CORP.
 3 CHEMICAL FINANCIAL CORP.
 4 DOW CHEMICAL CORP.
 5 DOW CORNING CORP.
 6 EATON CORP.
 7 NATIONAL CITY CORP.

GRACE, J. PETER
 1 CITICORP
 2 ATLANTIC MUTUAL INSURANCE CO.
 3 GRACE, W. R., AND CO.
 4 INGERSOLL-RAND CO.
 5 MILLIKEN & CO.
 6 OMEGA FUND, INC.
 7 STONE & WEBSTER, INC.

GRAYSON, C. JACKSON, JR.
 1 CARL BYOIR & ASSOC., INC.
 2 IC INDUSTRIES, INC.
 3 LEVER BROTHERS CO.
 4 OVERHEAD DOOR CORP.
 5 POTLATCH FORESTS, INC.
 6 SUN COMPANY, INC.
 7 WYLY CORP.

HAMCOCK, THOMAS
 1 NORTHWEST PAC CORPORATION
 2 TENNECO, INC.
 3 EMPLOYERS LIFE INSURANCE CO OF WAUSAU
 4 EMPLOYERS MUTUAL LIABILITY INSURANCE OF WIS.
 5 ILLINOIS EMPLOYERS INSURANCE OF WAUSAU
 6 TRANE CO.
 7 WAUSAU LIFE INSURANCE CO.

HARBIN, JOHN F.
 1 CITICORP
 2 BROWN & ROOT, INC.
 3 HALLIBURTON CO.
 4 HIGHLANDS INSURANCE CO.
 5 HOPKINSON CONSTRUCTION CO.
 6 LIFE INSURANCE CO OF THE SOUTHWEST
 7 OTIS ENGINEERING CORP.

HARDER, L. B.
 1 CERRO HARMON CORP.
 2 CHICAGO, ROCK ISLAND AND PACIFIC RAILROAD CO
 3 INTERNATL MINING CORP.
 4 KAWECKI BERYLCO INDUSTRIES INC.
 5 MOLYCORP INC.
 6 PATG CONSOLIDATED GOLD DRDGINGS LTD.
 7 PITTSBURGH & W. VA. PR CO.

HEISKELL, MARIAN S.
 1 CONSOLIDATED EDISON CO OF NEW YORK
 2 FORD MOTOR CO.
 3 INTERSTATE BROADCASTING
 4 MERCK & CO., INC.
 5 NEW YORK TIMES CO
 6 ROCKEFELLER UNIVERSITY
 7 TIME, INC.

HENSON, PAUL HARRY

- 1 DUKE POWER CO
- 2
- 3 ARMCO STEEL CORP.
- 4 CAROLINA TELEPHONE & TELEGRAPH CO.
- 5 FEDERAL RESERVE BANK OF KANSAS CITY
- 6 HYGAIN ELECTRONICS CORP.
- 7 KANSAS CITY SOUTHERN INDUSTRIES
- UNITED TELECOMMUNICATIONS INC.

HILLMAN, STANLEY E. G.

- 1 AVCO CORP.
- 2 COLUMBIA CORP.
- 3 GARDNER DENVER CO.
- 4 GENERAL GROWTH PROPERTIES
- 5 IC INDUSTRIES, INC.
- 6 SCOTT FORESMAN & CO.
- 7 WAFD FOODS, INC.

HIMMELMAN, LYNN F.

- 1 UAL, INC.
- 2
- 3 FARMERS NEW WORLD LIFE INSURANCE CO.
- 4 KPMR INSURANCE GROUP
- 5 NORTHWEST ENERGY CO.
- 6 RALIER BANK CORPORATION
- 7 RALIER NATIONAL BANK
- WESTERN INTERNATIONAL HOTELS, INC.

JACKPSOLL, ROBERT S.

- 1 ATLANTIC PITCHFIELD COMPANY
- 2 CATERPILLAR TRACTOR COMPANY
- 3 FIRST CHICAGO CORPORATION
- 4
- 5 HOPK WARMER CORP.
- 6 HONEYWELL, INC.
- 7 KRAFTCO CORP.
- MEYERHAUSER COMPANY

JRELAND, R. L.

- 1 SOUTHERN RAILWAY COMPANY
- 2
- 3 AIFCO, INC.
- 4 AMERICAN SECURITY CORP.
- 5 BROWN BROS. HARRIMAN & CO.
- 6 DRY DOCK SAVINGS BANK
- 7 HANA MINING CO.
- PROVIDENT LOAN SOCIETY OF NEW YORK

KARLES, WILLIAM G.

- 1 CONTINENTAL ILLINOIS CORPORATION
- 2
- 3 BEATRICE FOODS CO.
- 4 BORG WARMER CORP.
- 5 CHICAGO MILWAUKEE CORPORATION
- 6 CHICAGO, MILWAUKEE, ST PAUL & PAC RR
- 7 STONE CONTAINER CORP.
- VAUGHN JACKLYN CORP.

KODPHAN, RICHARD

- 1 AETNA LIFE AND CASUALTY COMPANY
- 2
- 3 HARTFORD NATIONAL CORP.
- 4 INNS GROUP, INC.
- 5 SMYTH MANUFACTURING CO.
- 6 SOUTHERN NEW ENGLAND TELEPHONE CO.
- 7 STANDARD INVESTMENT CO.
- TEC GROUP, INC.

KUZNETSKY, GEORGE

- 1 GULF OIL CORPORATION
- 2
- 3 AMDAHL CORP.
- 4 DATAPOINT CORP.
- 5 FARAH MFG. CO., INC.
- 6 HEIZER CORP.
- 7 SMR CORP.
- TELEDYNE, INC.

LANIER, GEORGE H., JR.

- 1 GENERAL PUBLIC UTILITIES CORP.
- 2
- 3 LANIER TEXTILE CO., INC.
- 4 MAPION MANUFACTURING CO.
- 5 MOUNT VERNON MILLS INC
- 6 RIVERSIDE MANUFACTURING CO.

6 TEXTITE HALL CORP.
7 TURNER HALSEY COMPANY COMPANY, INC.

LAPHAM, ROGER D., JR.
1 SAFEWAY STORES, INC.
2 WELLS FARGO AND COMPANY
3 CONGOLEUM CORPORATION
4 DUNCANSON & HOLT, INC.
5 EDINBURG & GENERAL INVESTMENT CO., LTD.
6 PACIFIC GENERAL DEVELOPMENT CO.
7 ROCHESTER INSURANCE CO.

LAFKIN, FREDERICK G., JR.
1 (CHMN) SECURITY PACIFIC CORP.
2 SOUTHERN CALIFORNIA EDISON COMPANY
3 CARNATION CO.
4 GETTY OIL CO.
5 ROCKWELL INTERNATIONAL CORP.
6 TRICONTINENTAL CORP., LTD.
7 WESTERN AMERICAN BANK, LTD.

LAWRENCE, JOHN E.
1 GENERAL ELECTRIC COMPANY
2 CHASE FUND OF BOSTON
3 ENTION, INC.
4 FEDERAL STREET FUND
5 LAWRENCE, JAMES, AND CO.
6 STATE STREET INVESTMENT CORP.
7 WEST POINT-PEPPERELL, INC.

LILLEY, ROBERT D.
1 CHASE MANHATTAN CORP.
2 CONTINENTAL CORPORATION, THE
3 CELANESE CORP.
4 CITIES SERVICE CO.
5 MACY, R. H., AND CO., INC.
6 MUTUAL BENEFIT LIFE INSURANCE CO.
7 PEOPLES GAS CO.

LITTLEFIELD, EDMUND W.
1 GENERAL ELECTRIC COMPANY
2 SOUTHERN PACIFIC COMPANY
3 WELLS FARGO AND COMPANY
4 CYFRUS PIMA MINING CO.
5 INDUSTRIAL INDEMNITY CO.
6 MARCONI CORP.
7 UTAH INTERNATIONAL, INC.

LYONS, WILLIAM A.
1 MARINE MIDLAND BANKS, INC.
2 BREEDER REACTOR CORPORATION
3 EMPIRE STATE POWER RESOURCES, INC.
4 GREAT AMERICAN INDUSTRIES, INC.
5 NEW YORK STATE ELECTRIC & GAS CORP.
6 RAYMOND CORP.
7 UTILITIES MUTUAL INSURANCE CO.

MICKEL, BUCK
1 DUKE POWER CO.
2 SEABOARD COAST LINE INDUSTRIES, INC.
3 CITIZENS & SOUTHERN CORP.
4 COX CABLE COMMUNICATIONS, INC.
5 DANIEL INTERNATIONAL CO.
6 GRANITEVILLE COMPANY
7 MONSANTO CO.

MILLER, ARJAY
1 FORD MOTOR CO.
2 WELLS FARGO AND COMPANY
3 BROOKINGS INSTITUTION
4 STANFORD RESEARCH INSTITUTE
5 STRAUSS, LEVI & CO.
6 UTAH INTERNATIONAL, INC.
7 WASHINGTON POST CO.

MITCHELL, MARVIN G.
1 CONTINENTAL ILLINOIS CORPORATION
2 BLISS & LAUGHLIN INDUSTRIES, INC.

3 CHICAGO BRIDGE & IRON CO.
4 DONNELLEY, R. R., AND SONS CO.
5 HARLEY-MITCHELL HARDWARE CO.
6 MCGRAW EDISON CO.
7 MITCHELL-STEWART HARDWARE CO.

HOSPACHER, EMIL, JR.

1 CHEMICAL NEW YORK CORPORATION
2 AVON PRODUCTS, INC.
3 CHUBB CORPORATION
4 FEDERAL INSURANCE CO.
5 PRUDENTIAL TRUST CO.
6 UNITED MERCHANTS & MANUFACTURERS, INC.
7 VIGILANT INSURANCE CO.

HUNFORD, GEORGE O.

1 MANUFACTURERS HANOVER CORPORATION
2 SOUTHERN PACIFIC COMPANY
3 JAMES HANVILLE CORP.
4 NEW YORK LIFE INSURANCE CO.
5 PHELPS DODGE CORP.
6 SOUTHERN PERU COPPER CORP.
7 WESTERN NUCLEAR, INC.

MYERS, CHARLES F., JR.

1 CHASE MANHATTAN CORP.
2 UNITED STATES STEEL CORPORATION
3 GUELINGTON INDUSTRIES, INC.
4 JEFFERSON-PILOT CORP.
5 REYNOLDS, F. W., INDUSTRIES, INC.
6 RICHARDSON MERRILL INC.
7 WACHOVIA CORP.

NASON, PHILIP H.

1 GUELINGTON NORTHERN, INC.
2 FIRST BANK SYSTEM, INC.
3 CENTRAL RESEARCH LABORATORIES, INC.
4 DAYTON-HUDSON CORP.
5 GREEN GIANT CO.
6 SPH HOTEL CO.
7 TORG MANUFACTURING CORP.

NEWMAN, JAMES WILSON

1 CHEMICAL NEW YORK CORPORATION
2 DUN AND BRADSTREET COMPANIES, INC.
3 FIDELITY UNION TRUST CORPORATION
4 GENERAL FOODS CORP.
5 INTERNATIONAL PAPER CO.
6 LOCKHEED AIRCRAFT CORPORATION
7 MUTUAL LIFE INSURANCE CO. OF NEW YORK

O'MALLEY, PATRICK L.

1 TRANS WORLD AIRLINES, INC.
2 CANTEN CORP.
3 CASUALTY INSURANCE CORP.
4 DEL E. WEBB CORP.
5 HALL, W. F., PRINTING CO.
6 MICHIGAN AVE. NAT. BANK
7 STONE CONTAINER CORP.

OELMAN, ROBERT S.

1 CITICORP
2 FORD MOTOR CO.
3 PROCTER AND GAMBLE COMPANY
4 KOPPERS CO., INC.
5 MCR CORP.
6 OHIO BELL TELEPHONE CO.
7 WINTERS NATIONAL CORP.

PALMER, EDWARD LEWIS

1 CITICORP
2 UNION PACIFIC CORPORATION
3 CORNING GLASS WORKS
4 DEL MONTE CORP.
5 MONSANTO CO.
6 MUTUAL LIFE INSURANCE CO. OF NEW YORK
7 PHELPS DODGE CORP.

PETERSON, PETER G.

1 FEDERATED DEPARTMENT STORES, INC.
 2 BLACK AND DECKER MANUFACTURING COMPANY
 3 FIREMAN'S FUND INSURANCE CO.
 4 GENERAL FOODS CORP.
 5 INDUSTRIAL INDEMNITY CO.
 6 LEHMAN CORP., THE
 7 MINNESOTA MINING & MANUFACTURING CO.

PHILLIPS, JOHN

1 CBS, INC.
 2 ARKANSAS POWER AND LIGHT CO.
 3 BANKERS TRUST CO.
 4 CORNELIUS COMPANY
 5 FOSTORIA GLASS CO.
 6 GLENMORE DISTILLERIES CO.
 7 WHITNEY HOLDING CORP.

PLACE, JOHN P. W.

1 ATLANTIC RICHFIELD COMPANY
 2 CHEMICAL NEW YORK CORPORATION
 3 METROPOLITAN LIFE INSURANCE COMPANY
 4 ANACONDA CO.
 5 CHINESE CORP.
 6 COMMUNICATIONS SATELLITE CORP.
 7 LEVER BROTHERS

RICE, WILLIAM THOMAS

1 (CHMN) SEABOARD COAST LINE INDUSTRIES, INC.
 2 CHEMICAL NEW YORK CORPORATION
 3 BORDEN, INC.
 4 FIRST & MERCHANTS CORP.
 5 FLORIDA FIRST NATIONAL OF JACKSONVILLE
 6 GRANITEVILLE COMPANY
 7 HOME INSURANCE CO.

ROBARTS, JOHN PARMENTER

1 METROPOLITAN LIFE INSURANCE COMPANY
 2 ABITIBI PAPER CO., LTD.
 3 BELL CANADA
 4 BURN FOODS, LTD.
 5 CANADIAN IMPERIAL BANK OF COMMERCE
 6 POWER CORP OF CANADA, LTD.
 7 REED SHAW OSLER, LTD.

ROBINSON, JAMES D., III

1 AMERICAN EXPRESS COMPANY
 2 UNION PACIFIC CORPORATION
 3 BRISTOL-MYERS CO.
 4 COCA-COLA CO.
 5 FIREMAN'S FUND INSURANCE CO.
 6 TRUST COMPANY OF GEORGIA
 7 WEST POINT-FEPPPELL, INC.

ROOSA, ROBERT V.

1 AMERICAN EXPRESS COMPANY
 2 TEXACO, INC.
 3 ANACONDA CO.
 4 BROWN BROS. HARRIMAN & CO.
 5 BROWN HARRIMAN & INTERNATIONAL BANK, LTD.
 6 OWENS-CORNING FIBERGLASS CORP.
 7 ROCKEFELLER FOUNDATION

SCHIFF, JOHN M.

1 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 2 CIT FINANCIAL CORP.
 3 GETTY OIL CO.
 4 KENNECOTT COPPER CORP.
 5 KUHN LOEP & CO.
 6 MADISON FUND, INC.
 7 UNIROYAL INC.

SEILER, LEWIS P.

1 EQUITABLE LIFE ASSURANCE
 2 ASSOCIATED DRY GOODS CORP.
 3 BLACK AND DECKER MANUFACTURING COMPANY
 4 CPC INTERNATIONAL, INC.
 5 GLENMORE DISTILLERIES CO.
 6 LEHMAN CORP., THE
 7 ONE WILLIAM STREET FUND

SEMPLE, ROBERT B.

- 1 CHRYSLER CORPORATION
- 2 NATIONAL DETROIT CORPORATION
- 3 AMERICAN NATURAL RESOURCES CO.
- 4 ATLANTIC MUTUAL INSURANCE CO.
- 5 BASE WYANDOTTIC CORP.
- 6 MICHIGAN CONSOLIDATED GAS CO.
- 7 NATIONAL BANK OF DETROIT

SHAPLEIGH, WARREN M.

- 1 MISSOURI PACIFIC CORPORATION
- 2 MORGAN, J. F., AND CO., INC.
- 3 BROWN GROUP, INC.
- 4 FIRST NATIONAL BANK IN ST. LOUIS
- 5 MIDLAND CONTAINER CORP.
- 6 PALSTON PAPER CORP.
- 7 TIDEWATER MARINE SERVICE, INC.

SMITH, E. G.

- 1 NORTHWESTERN MUTUAL LIFE INSURANCE CO.
- 2 ALBERT TROSTEL AND SONS CO.
- 3 BANGOR METER, INC.
- 4 FIRST WISCONSIN CORP.
- 5 JOSEPH SCHLITZ BREWING CO.
- 6 WESTERN PUBLISHING CO.
- 7 WISCONSIN GAS CO.

SMITH, EDWARD D.

- 1 EASTERN AIRLINES, INC.
- 2 KROGER COMPANY, THE
- 3 EQUIFAX INC.
- 4 FIRST NATIONAL HOLDING CORP.
- 5 GEORGIA POWER CO.
- 6 SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
- 7 TRI-SOUTH MORTGAGE INVESTORS CO.

SOLOMON, EMMETT G.

- 1 CROCKER NATIONAL CORPORATION
- 2 METROPOLITAN LIFE INSURANCE COMPANY
- 3 PACIFIC GAS AND ELECTRIC COMPANY
- 4 ALKADEN VINEYARDS INC.
- 5 CLOROX COMPANY
- 6 FIREBOARD CORPORATION
- 7 PACIFIC TELEPHONE & TELEGRAPH CO.

TAYLOR, A. THOMAS

- 1 FORD MOTOR CO.
- 2 BANCAL TPI STATE CORP.
- 3 DEL MONTE PROPERTIES CO.
- 4 DELTEC INTERNATIONAL, LTD.
- 5 HOLLY SUGAR CORP.
- 6 MANUFACTURERS NATIONAL CORP.
- 7 PULLMAN, INC.

THOMSON, RICHARD M.

- 1 PRUDENTIAL INSURANCE CO. OF AMERICA
- 2 CANADIAN GYPSUM, LTD.
- 3 JOHNSON, S. C., AND CO., LTD.
- 4 TEXAS GULF, INC.
- 5 TORONTO DOMINION BANK
- 6 TORONTO DOMINION PENSION FUND
- 7 UNION CARBIDE CANADA, LTD.

TUTT, WM. THAYER

- 1 AFFILIATED BANCSHARES OF COLORADO, INC.
- 2 BRADIN COPPER COMPANY
- 3 BROADNOOP HOTEL, INC.
- 4 KENNECOTT COPPER CORP.
- 5 MOUNTAIN STATES TELE AND TELE CO.
- 6 PDMAR INVESTMENT CO.
- 7 RIO GRANDE INDUSTRIES, INC.

VAN CORKOM, JEROME W.

- 1 ECODYNE CORP.
- 2 IC INDUSTRIES, INC.
- 3 MIDAS-INTERNATIONAL CORP.
- 4 SHERING-PLOUGH

5 STEPHAN CHEMICAL CO.
6 TRANS UNION CORP.
7 UNION TANK CAR CO.

VERITY, CALVIN WILLIAM, JR.

1 CHASE MANHATTAN CORP.
2 ARNCO STEEL CORP.
3 ROSTON CO., INC.
4 BUSINESS INTERNATIONAL
5 FIRST NATIONAL BANK (MIDDLETOWN)
6 MEAD CORP.
7 TAFT BROADCASTING CO.

WALLIS, GORDON T.

1 (CHMN) CHARTER NEW YORK CORP.
2 WOOLWORTH, F. W., CO.
3 ADELA INVESTMENT CO., S. A.
4 INTERNATIONAL COMMERCIAL BANK, LTD.
5 IRVING TRUST CO.
6 STERLING DRUG, INC.
7 THOMPSON, J. WALTER, CO.

WATLINGTON, J. E., JR.

1 MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
2 CAROLINA POWER AND LIGHT CO.
3 COLONIAL STORES, INC.
4 GEORGIA-PACIFIC CORP.
5 PIEDMONT AVIATION, INC.
6 PIEDMONT NATURAL GAS CO.
7 WACHOVIA CORP.

WEINER, ROBERT L.

1 RCA CORP.
2 PANQUET FOODS CORP.
3 PANQUET INDUSTRIES, INC.
4 CUSHMAN AND WAKEFIELD, INC.
5 HEFTZ CORPORATION
6 LOUIS SHEPPY, INC.
7 RANDOM HOUSE, INC.

WILCOCK, JAMES W.

1 MELLON NATIONAL CORPORATION
2 DOLLAR SAVINGS BANK
3 JOY MANUFACTURING CO.
4 LIFEPLY MUTUAL INSURANCE CO.
5 LIFEPLY MUTUAL INSURANCE CO.
6 MTNE EQUIPMENT LEASE CO.
7 WEAN UNITED, INC.

WILKINS, ROGER C.

1 TRAVELERS INSURANCE COMPANY
2 ALLIS-CHALMERS CORP.
3 CRT CORPORATION
4 CHEMICAL EXPRESS CO.
5 CONNECTICUT NATURAL GAS CORP.
6 UNITED TECHNOLOGIES CORP.
7 WELLS FARGO MORTGAGE INVESTORS

WOODWARD, HARPER

1 EASTERN AIRLINES, INC.
2 CAMEL BAY PLANTATION, INC.
3 ITEK CORPORATION
4 MAUIA KOA BEACH HOTEL CORP.
5 ROCK-RESORTS, INC.
6 ROCKEFELLER FAMILY AND ASSOCIATES
7 WAYFARER KETCH CORP.

YUPICH, DAVID L.

1 PRUDENTIAL INSURANCE CO. OF AMERICA
2 ROMAR INDUSTRIES
3 EAST RIVER SAVINGS BANK
4 HAWOOD COS.
5 NEW YORK TELEPHONE COMPANY
6 THOMPSON, J. WALTER, CO.
7 U. S. INDUSTRIES, INC.

DIRECTORS HOLDING 8 SEATS

BEALE, O. E.

- 1 PRUDENTIAL INSURANCE CO. OF AMERICA
- 2 ENGELHARD MIN. & CHEM. CORP.
- 3 ENGELHARD MINERAL AND CHEMICALS CORP.
- 4 MACY, R. H., AND CO., INC.
- 5 MAHER TERMINALS
- 6 MAHER TERMINALS
- 7 SERVOMATON CORP.
- 8 SERVOMATON CORP.

BRIMMER, ANDREW F.

- 1 BANKAMERICA CORPORATION
- 2 DUFONT, E. I., OF NEMOURS AND CO.
- 3 INTERNATIONAL HARVESTER COMPANY
- 4 UAL, INC.
- 5 AMERICAN SECURITY CORP.
- 6 BANK OF AMERICA NATIONAL TRUST & SAVINGS ASSN.
- 7 BRIMMER & CO., INC.
- 8 NATIONAL BUREAU OF ECONOMICS RESEARCH

BYRON, FLETCHER L.

- 1 MELLON NATIONAL CORPORATION
- 2 NORTHWESTERN MUTUAL LIFE INSURANCE CO
- 3 ADELA INVESTMENT CO.
- 4 ASARCO
- 5 CONTINENTAL GROUP, INC.
- 6 KOPFERS CO., INC.
- 7 NORTH AMERICAN PHILLIPS CORP.
- 8 RALSTON PURINA CORP.

CLARK, HOWARD L.

- 1 (CHMN) AMERICAN EXPRESS COMPANY
- 2 MOBIL CORPORATION
- 3 CLUETT PEABODY AND CO., INC.
- 4 FIREMAN'S FUND INSURANCE CO.
- 5 GENERAL FOODS CORP.
- 6 STONE & WEBSTER, INC.
- 7 UNITED STATES TRUST COMPANY
- 8 XEROX CORP.

DAVIS, ARCHIE K.

- 1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
- 2 SOUTHERN RAILWAY COMPANY
- 3 CHATHAM MFG. CO.
- 4 JORDON SPINNING CO.
- 5 MEDIA GENERAL, INC.
- 6 REYNOLDS, R. J., INDUSTRIES, INC.
- 7 SELLERS MFG. CO.
- 8 WACHOVIA CORP.

DEGRANDPRE, A. JEAN

- 1 CHRYSLER CORPORATION
- 2 SELL CANADA
- 3 DUFONT OF CANADA, LTD.
- 4 NORTHERN TELECOM LIMITED
- 5 ROYAL INSURANCE CO., LTD.
- 6 STEEL COMPANY OF CANADA, LTD.
- 7 TORONTO-DOMINION BANK
- 8 TRANS CANADA PIPE LINES, LTD.

ECCLES, GEORGE S.

- 1 UNION PACIFIC CORPORATION
- 2 AMALGAMATED SUGAR CO.
- 3 AMERICAN BANKERS INSURANCE CO.
- 4 FARMERS GROUP, INC.
- 5 FIRST SECURITY CORP.
- 6 HUSKY OIL CO.
- 7 TEXAS GULF, INC.
- 8 UTAH INTERNATIONAL, INC.

FOURAKER, LAWRENCE E.

- 1 CITICORP
- 2 RCA CORP.
- 3 GILLETTE CO.
- 4 JEWEL COMPANIES, INC.
- 5 MACY, R. H., AND CO., INC.
- 6 NATIONAL BROADCASTING CO., INC.
- 7 NEW ENGLAND MUTUAL LIFE INSURANCE CO.

8 TEXAS EASTERN TRANSMISSION CORP.

GAGNEGIN, ALBERT F.

- 1 AREX CORPORATION
- 2 AMERICAN-SWISS ASSOC., INC.
- 3 BANK OF NEW YORK
- 4 CENTENNIAL INSURANCE CO.
- 5 IC INDUSTRIES, INC.
- 6 INCO, LTD.
- 7 INGERSOLL-RAND CO.
- 8 SCHERING-PLOUGH CORP.

GRAHAM, WILLIAM P.

- 1 FIRST CHICAGO CORPORATION
- 2 BANK OF VIRGINIA CO.
- 3 BAXTER TRAVENOL LABORATORIES INC.
- 4 BELL & HOWELL CO.
- 5 BORG WARNER CORP.
- 6 DEERE & CO.
- 7 GENERAL MEDICAL CORP.
- 8 NORTHWEST INDUSTRIES, INC.

GUSHMAN, JOHN LOUIS

- 1 WESTERN ELECTRIC CO., INC.
- 2 WOOLWORTH, F. W., CO.
- 3 ANCHOR HOCKING CORP.
- 4 DANA CORP.
- 5 HUNTINGTON BANCSHARES, INC.
- 6 KEYES FIRM CO.
- 7 LIPBEY-OWENS-FORD CO.
- 8 RICHMAN BROTHERS CO.

HANSBERGER, ROBERT V.

- 1 FIRST CHARTER FINANCIAL CORP.
- 2 ALPERTSON'S INC.
- 3 FUTURA INDUSTRIES CORP.
- 4 GOULD, INC.
- 5 HEATH TECNA CORP.
- 6 IDAHO POWER CO.
- 7 VSI CORP.
- 8 WESTERN PACIFIC INDUSTRIES INC.

HARPER, JOHN DICKESON

- 1 GOODYEAR TIRE AND RUBBER COMPANY
- 2 MELLON NATIONAL CORPORATION
- 3 METROPOLITAN LIFE INSURANCE COMPANY
- 4 PROCTER AND GAMBLE COMPANY
- 5 ALUMINUM COMPANY OF AMERICA
- 6 AMERICAN EUROPEAN ASSOCIATES
- 7 COMMUNICATIONS SATELLITE CORP.
- 8 CRUTCHER RESOURCES CORP.

HELMERICH, WALTER H., III

- 1 ATWOOD OCEANICS, INC.
- 2 COCA-COLA BOTTLING CO OF TULSA, INC.
- 3 FIRST NATIONAL BANK & TRUST CO. OF TULSA,
- 4 FIRST TULSA PANORPATION, INC.
- 5 HELMERICH & PAYNE INC.
- 6 IC INDUSTRIES, INC.
- 7 LINCOLN FINANCIAL, INC.
- 8 NATURAL GAS ODORIZING, INC.

JAMES, GEORGE F.

- 1 EQUITABLE LIFE ASSURANCE
- 2 WOOLWORTH, F. W., CO.
- 3 EDIE SPECIAL GROWTH FUND
- 4 FUNDAMERICA OF JAPAN
- 5 HUYCK CORP.
- 6 KINNEY SHOE CORP.
- 7 MERRILL LYNCH CAPITAL FUND
- 8 MERRILL LYNCH READY FUND

JENKINS, GEORGE P.

- 1 (CHNN) METROPOLITAN LIFE INSURANCE COMPANY
- 2 AMERICAN BROADCASTING COMPANIES
- 3 BETHLEHEM STEEL CORPORATION
- 4 CITICORP
- 5 BLOOMFIELD SAVINGS BANK
- 6 CITIBANK, N. A.
- 7 GRACE, W. R., AND CO.

8 ST. PEGIS PAPER CO.

JOHNSON, BELTON K.

1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
2 CAMPBELL SOUP CO.
3 CHAPARROSA RANCH
4 FIRST CITY BANKCORPORATION OF TEXAS INC.
5 HAMILTON PROOTHERS EXPLORATION CO.
6 NATIONAL BANKSHARES CORP OF TEXAS
7 NATIONAL FINANCE CREDIT CORP.
8 UNITED STATES TRUST COMPANY

LINTERMAN, JOSEPH B.

1 INTERNATIONAL HARVESTER COMPANY
2 AMSTED INDUSTRIES INC.
3 HARRIS BANKCORP INC.
4 ILLINOIS BELL TELEPHONE CO.
5 ILLINOIS CENTRAL GULF RAILROAD CO.
6 KEMPER CORP.
7 PEOPLES GAS CO.
8 STALEY, A. E., MANUFACTURING CO.

LAPHAM, LEVIS A.

1 BANKERS TRUST NEW YORK CORP
2 MOBIL CORPORATION
3 CHURCH CORPORATION
4 CONGOLEUM CORPORATION
5 CRANE CO.
6 FEDERAL INSURANCE CO.
7 HEINZ, H. J., CO.
8 NORTH AMERICAN PHILLIPS CORP.

MACFARLANTON, MALCOLM

1 WELLS FARGO AND COMPANY
2 BANK OF HAWAII
3 CASTLE & COOKE, INC.
4 HAWAIIAN AIRLINES, INC.
5 HAWAIIAN TRUST CO., LTD.
6 HOUSE OF INVESTMENTS
7 LEISURE DYNAMICS, INC.
8 MAIALUA SUGAR CO.

MATTHEWS, BEVERLY

1 GULF OIL CORPORATION
2 BRASCAN, LTD.
3 CANADA LIFE ASSURANCE CO.
4 CANADIAN NIAGARA POWER CORP.
5 MCCARTHY & MCCARTHY
6 RHEEM CANADA, LTD.
7 WESTINGHOUSE CANADA, LTD.
8 3M CANADA, LTD.

MCFERSON, RENE C.

1 MANUFACTURERS HANOVER CORPORATION
2 ALLIED STORES CORP.
3 BROWN BROTHERS CORP., LTD.
4 CHAMPION SPARK PLUG CO.
5 OAKA CORP.
6 EQUITABLE LIFE MORTGAGE & REALTY INVESTORS
7 GULF UNITED CORP.
8 TURNER MANUFACTURING CO., LTD.

MENK, LOUIS W.

1 (CHHM) BURLINGTON NORTHERN, INC.
2 FIRST BANK SYSTEM, INC.
3 FIRST CHICAGO CORPORATION
4 INTERNATIONAL HARVESTER COMPANY
5 ASARCO, INC.
6 GENERAL MILLS, INC.
7 GREAT MIDWEST CORP
8 MINNESOTA MUTUAL LIFE INS. CO.

MORGA, GRAHAM J.

1 INTERNATIONAL HARVESTER COMPANY
2 AMERICAN HOSPITAL SUPPLY CORP.
3 BPB INDUSTRIES, LTD.
4 COMMERCE BANKSHARES, INC.
5 COLUMBIA CORP.
6 IC INDUSTRIES, INC.
7 ILLINOIS BELL TELEPHONE CO.

8 UNITED STATES GYPSUM CO.

PATTERSON, ELLMOFF C.

- 1 (CHMN) MORGAN, J. F., AND CO., INC.
- 2 RETHLEHEM STEEL CORPORATION
- 3 GENERAL MOTORS CORP.
- 4 SANTA FE INDUSTRIES, INC.

- 5 ATCHINSON, TOPEKA & SANTA FE RAILWAY CO.
- 6 CANADA LIFE ASSURANCE CO.
- 7 FEDERAL RESERVE BANK OF NEW YORK
- 8 STANDARD BRANDS, INC.

PEARSON, NATHAN W.

- 1 GULF OIL CORPORATION
- 2 MELLON NATIONAL CORPORATION
- 3 ALUMINUM COMPANY OF AMERICA
- 4 AMPEX CORP.
- 5 CARBORUNDUM CO.
- 6 CERTAIN TIED CORP.
- 7 HANNA MINING CO.
- 8 KOPPERS CO., INC.

PEPKINS, RICHARD S.

- 1 CONSOLIDATED EDISON CO OF NEW YORK
- 2 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
- 3 NEW YORK LIFE INSURANCE COMPANY
- 4 SOUTHERN PACIFIC COMPANY
- 5 ALLIED CHEMICAL CORP.
- 6 HOSPITAL CORP. OF AMERICA
- 7 SCANDINAVIAN SECURITIES CORP.
- 8 UNA CORP.

PRINCE, WILLIAM WOOD

- 1 COMMONWEALTH EDISON
- 2 EASTERN AIRLINES, INC.
- 3 FIRST CHICAGO CORPORATION
- 4 BARBER OIL CORP.
- 5 DELTEC INTERNATIONAL, LTD.
- 6 GRACE, W. R., AND CO.
- 7 LAWTER CHEMICALS INC.
- 8 PRINCE, H. F. & CO., INC.

QUINN, WILLIAM J.

- 1 CONTINENTAL ILLINOIS CORPORATION
- 2 ASSN. OF AMERICAN RAILROADS
- 3 CHICAGO MILWAUKEE CORPORATION
- 4 CHICAGO, MILWAUKEE, ST PAUL & PAC RR
- 5 CLOW CORP.
- 6 NATIONAL RAILROADS PASSENGER CORP.
- 7 PEABODY CO.
- 8 UOP, INC.

RAMINSKY, LOUIS

- 1 AMERICAN EXPRESS COMPANY
- 2 ALCAN ALUMINUM, LTD.
- 3 BANK OF CANADA
- 4 BELL CANADA
- 5 BOISE CASCADE CORP.
- 6 CANADA TRUST, HUPON & ERIE MORTGAGE CORP
- 7 INT. DEV. RESEARCH CENTER
- 8 SHELL CANADA

SCHWARTZ, ALAN EARL

- 1 DETROIT EDISON COMPANY
- 2 BURPOUGHS CORP.
- 3 CUNNINGHAM DRUG STORES, INC.
- 4 DETROIT BANK CORP.
- 5 HANDLEMAN CO.
- 6 HOWELL INDUSTRIES INC.
- 7 PULTE HOME CORP.
- 8 SOS CONSOLIDATED INC.

SCRIVENER, ROBERT CARLTON

- 1 CATERPILLAR TRACTOR COMPANY
- 2 UNITED STATES STEEL CORPORATION
- 3 BELL CANADA
- 4 CANADA STEAMSHIP LINES, LTD.
- 5 CANADIAN IMPERIAL BANK OF COMMERCE
- 6 HIRSH-WALKER-GOODERHAM & WARTS, LTD.
- 7 NORTHERN TELECOM LIMITED

8 POWER CORPORATION

SHUMWAY, FORREST NELSON

- 1 TRANSAMERICA CORPORATION
- 2 GAVREL CORP.
- 3 GOLDEN WEST BROADCASTERS, INC.
- 4 GRACE, W. F., AND CO.
- 5 MACK TRUCKS, INC.
- 6 SIGNAL COMPANIES, INC.
- 7 U. G. P., INC.
- 8 UNITED CALIFORNIA BANK

SMITH, J. CRAIG

- 1 AVONDALE MILLS
- 2 BIRMINGHAM TRUST NATIONAL BANK
- 2 GENERAL MACHINERY CORP.
- 4 IC INDUSTRIES, INC.
- 5 ILLINOIS CENTRAL GULF RAILROAD CO.
- 6 PROTECTIVE LIFE INSURANCE CO.
- 7 SOUTH CENTRAL BELL TELEPHONE CO.
- 8 SOUTHERN RAILROAD CORPORATION

SMITH, OLcott D.

- 1 AETNA LIFE AND CASUALTY COMPANY
- 2 MORGAN, J. F., AND CO., INC.
- 3 AVIS, INC.
- 4 CONNECTICUT WATER SERVICE CO.
- 5 DAY, PERRY AND HOWARD
- 6 EMHART CORP.
- 7 HARTFORD COURANT
- 8 UNITED TECHNOLOGIES CORP.

STAMFACHER, CHARLES B.

- 1 CHARTER NEW YORK CORP.
- 2 ACE INDUSTRIES, INC.
- 3 AMERICAN MANUFACTURER MUTUAL INS. CO.
- 4 CHICAGO MILWAUKEE CORPORATION
- 5 CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC
- 6 EMERY AIR FREIGHT CORP.
- 7 FMC FINANCE CORP.
- 8 KEMPER CORP.

STEWART, ROBERT F., III

- 1 BRANTIFF INTERNATIONAL CORPORATION
- 2 CAMPBELL TAGGART INC.
- 3 DALLAS POWER AND LIGHT CO.
- 4 FIRST INTERNATIONAL BANKSHARES INC.
- 5 FIRST NATIONAL BANK IN DALLAS
- 6 NATIONAL CHEMSEARCH CORP.
- 7 PEPSICO INC.
- 8 SOUTHWESTERN LIFE CORP.

ULRICH, FRANZ H.

- 1 TFAACO, INC.
- 2 AKZO N. V.
- 3 ANKA GLASZSTOFF AG
- 4 DEUTSCHE BANK, A. G.
- 5 DWS INVESTMENT TRUST
- 6 HANSA-LINE
- 7 ROTHMUS INTERNATIONAL LIMITED
- 8 SIEMENS, A. G.

WARNER, RAYLEIGH, JR.

- 1 (CHMN) MOBIL CORPORATION
- 2 AMERICAN EXPRESS COMPANY
- 3 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
- 4 CATERPILLAR TRACTOR COMPANY
- 5 CHEMICAL NEW YORK CORPORATION
- 6 AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
- 7 MARCOR INC.
- 8 TIME, INC.

WILSON, KENDRICK P., JR.

- 1 ATLANTIC RICHFIELD COMPANY
- 2 AVCO CORP.
- 3 AVCON PRODUCTS, INC.
- 4 CENTRAL AND SOUTHWEST CORPORATION
- 5 DAYCO CORP.
- 6 DRY DOCK SAVINGS BANK
- 7 PITNEY-BOWES, INC.

8 WEST POINT-PEPPERELL, INC.

WRIGHT, J. O.

1 NORTHWESTERN MUTUAL LIFE INSURANCE CO

2 BADGER METER, INC.

3 RUCYPUS ERIE COMPANY

4 CUTLER-HAMMER, INC.

5 LYTON INDUSTRIES, INC.

6 MARSHALL TISLEY CORP.

7 WALLACE MURRAY CORP.

8 WISCONSIN GAS CO.

DIRECTORS HOLDING 9 SEATS

AMMIDON, HOYT

- 1 AMERICAN EXPRESS COMPANY
- 2 BULLOCK FUND LTD.
- 3 CARRIERS & GENERAL CORP.
- 4 GATX CORP.
- 5 GREAT NORTHERN NEKOOSA CORP.
- 6 GREENWICH SAVINGS BANK
- 7 HOWARD JOHNSON CO.
- 8 PERKIN-ELMER CORP.
- 9 UNITED STATES TRUST COMPANY

ASTOR, JAMES W.

- 1 AMERICAN AIR LINES, INC.
- 2 DALLAS TIMES-HERALD
- 3 GENERAL PORTLAND, INC.
- 4 GIBALTAR LIFE INSURANCE CO.
- 5 LONE-STAR STEEL CO.
- 6 NEUMANN BROTHERS PACKAGING
- 7 REPUBLIC OF TEXAS CORP.
- 8 TIMES MIRRO CO.
- 9 ZALE CORP.

BROWN, R. MANNING, JR.

- 1 (CHMN) NEW YORK LIFE INSURANCE COMPANY
- 2 MORGAN, J. P., AND CO., INC.
- 3 UNION CARBIDE CORPORATION
- 4 ASSOCIATED DRY GOODS CORP.
- 5 AVON PRODUCTS, INC.
- 6 CALIFORNIA WATER SERVICE CO.
- 7 LOUISIANA LAND EXPLORATION CO.
- 8 STEVENS, J. P., & CO., INC.
- 9 UNION CAMP CORP.

BUTLER, A. L., JR.

- 1 NORTHWESTERN MUTUAL LIFE INSURANCE CO.
- 2 ARISTA CO.
- 3 HAYES ALBION CORP.
- 4 NORTHWESTERN MUTUAL LIFE INS. CO.
- 5 REYNOLDS, P. I., INDUSTRIES, INC.
- 6 SOUTHERN BROADCASTING CO.
- 7 STANDARD SAVINGS & LOAN ASSN.
- 8 U. S. FILTER CORP.
- 9 WACHOVIA CORP.

CARLSON, EDWARD F.

- 1 (CHMN) UAL, INC.
- 2 FIRST CHICAGO CORPORATION
- 3 ALUMINUM COMPANY OF AMERICA
- 4 DART INDUSTRIES, INC.
- 5 DEERE & CO.
- 6 NEW ENGLAND FISH CO.
- 7 SEAFIRST CORP.
- 8 UNIVAR CORP.
- 9 WESTERN INTERNATIONAL HOTELS CO.

ELLINGHAUS, WILLIAM M.

- 1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
- 2 BANKERS TRUST NEW YORK CORP.
- 3 PENNEY, J. C., CO., INC.
- 4 BELL CORP.
- 5 BRISTOL-MYERS CO.
- 6 INTERNATIONAL PAPER CO.
- 7 PACIFIC NORTHWEST BELL TELEPHONE CO.
- 8 PACIFIC TELEPHONE AND TELEGRAPH COMPANY
- 9 THIOKAL CORP.

ELTHEFINGTON, EDWIN G.

- 1 AMERICAN EXPRESS COMPANY
- 2 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
- 3 AMERICAN CAN COMPANY
- 4 AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
- 5 AMERICAN STOCK EXCHANGE
- 6 AUTOMATIC DATA PROCESSING, INC.
- 7 NORTON CO.
- 8 SOUTHERN NEW ENGLAND TELEPHONE CO.
- 9 UNITED STATES TRUST COMPANY

HALABY, NAJEF F.

- 1 BAKAMERICA CORPORATION

2 CHRYSLER CORPORATION
 3 ARABATR SERVICES CORP., LTD.
 4 ATKINS & MERRILL, INC.
 5 AUP SERVICES CORP.
 6 BANK OF AMERICA-NEW YORK
 7 HALABY INTERNATIONAL CORP.
 8 INTER-ASIA MANAGEMENT CO., LTD.
 9 MENLO FINANCIAL CORP.

HAMILTON, FREDERIC C.
 1 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 2 CELANESE CORP.
 3 FIRST NATIONAL BANK CORPORATION
 4 GATES LEARJET CORP.
 5 HAMILTON BROTHERS OIL CO.
 6 HAMILTON BROTHERS PETROLEUM CORP.
 7 INTERNATIONAL MINING CORP.
 8 UNITED STATES TRUST COMPANY
 9 VAN SCHAAK & CO.

HILLMAN, HENRY L.
 1 CHEMICAL NEW YORK CORPORATION
 2 GENERAL ELECTRIC COMPANY
 3 COPELAND CORP.
 4 CUMMINS ENGINE CO., INC.
 5 GLOBAL MARINE, INC.
 6 HILLMAN COMPANY
 7 NATIONAL STEEL CORP.
 8 PITTSBURGH NATIONAL CORP.
 9 SHAKESPEARE CO.

JONES, G. R.
 1 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 2 ARKWRIGHT-BOSTON MFR MUTUAL INS. CO.
 3 ATLANTA GAS LIGHT COMPANY
 4 COASTAL STATES CORP.
 5 ELIOT SAVINGS BANK
 6 FULTON NATIONAL CORPORATION
 7 JOHN HANCOCK FUNDS
 8 RAYTHEON CO.
 9 STELER CO., THE

KLESEE, THOMAS W., JR.
 1 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 2 AGLIC INVESTING & MANAGEMENT CO., INC.
 3 AMERICAN GUARANTEE & LIABILITY INSURANCE CO.
 4 AVIS, INC.
 5 BESSEMER SECURITIES CORP.
 6 DYMO INDUSTRIES INC.
 7 INVERSONES CREMERCA, S. A.
 8 UNITED PIRCE DYE WORKS
 9 ZURICH LIFE INSURANCE CO.

KIMPER, JAMES M., JR.
 1 MISSOURI PACIFIC CORPORATION
 2 COMMERCE BANKSHARES, INC.
 3 DICKEY, W. S., CLAY MANUFACTURING
 4 FED. RESERVE BANK OF KANSAS CITY
 5 GAS SERVICE CO.
 6 KANSAS CITY LIFE INSURANCE CO.
 7 MUELLER, PAUL, CO.
 8 OWENS-CORNING FIREGLASS CORP.
 9 TOWNS PROPERTIES CO.

KUHNS, WILLIAM G.
 1 (CHNN) GENERAL PUBLIC UTILITIES CORP.
 2 MARINE MIDLAND BANKS, INC.
 3 BREEDER REACTOR CORPORATION
 4 GPU SERVICE CORP.
 5 HAMMERMILL PAPER CO.
 6 HOME LIFE INSURANCE CO.
 7 JERSEY CENTRAL POWER & LIGHT CO.
 8 METROPOLITAN EDISON CO.
 9 PENNSYLVANIA ELECTRIC CO.

LEISENRING, EDWARD BARNES, JR.
 1 SOUTHERN RAILWAY COMPANY
 2 FIDELCOR INC.
 3 FIDELITY BANK
 4 IU INTERNATIONAL CORP.
 5 Kewanee Industries, Inc.

6 PENN VA. CORP.
7 SKF INDUSTRIES, INC.
8 WESTMORELAND COOL CO.
9 WHITEHALL CEMENT MANUFACTURING CO.

MCGILLICUDDY, JOHN F.

1 MANUFACTURERS HANOVER CORPORATION
2 WESTINGHOUSE ELECTRIC CORPORATION
3 AMF INC.
4 CITIES SERVICE CO.
5 CONTINENTAL COMPANY
6 KRAFT CO.
7 MCGUIRE, T. G.
8 REYNOLDS METALS CO.
9 SPERRY & HUTCHINSON CO.

MUDD, HENRY T.

1 SOUTHERN PACIFIC COMPANY
2 SOUTHERN RAILWAY COMPANY
3 WESTERN BANCORPORATION
4 CYPRUS MINES CORP.
5 ENVIRODYNE, INC.
6 JACOBS ENGINEERING GROUP, INC.
7 MARCONA CORP.
8 ROCKWELL INTERNATIONAL CORP.
9 UNION OIL CORP.

RATTALIA, JOHN T.

1 INTERNATIONAL HARVESTER COMPANY
2 SANTA FE INDUSTRIES, INC.
3 WESTERN ELECTRIC CO., INC.
4 AMSTED INDUSTRIES INC.
5 BANCO DI ROMA
6 BRINSWICK CORP.
7 DESOTO INC.
8 KEAFFER CORP.
9 LUMBERMEN'S MUTUAL CASUALTY CO.

SCHRIEVER, BERNARD ADOLPH

1 EASTERN AIRLINES, INC.
2 ACURBY CORP.
3 AMCORP, INC.
4 AMERICAN MEDICAL INTERNATL.
5 CONTROL DATA CORP.
6 EMERSON ELECTRIC CO.
7 SCHRIEVER & WKEF
8 TELECOM, INC.
9 WACKENHUT CORP.

SINCLAIR, IAN D.

1 UNION CARBIDE CORPORATION
2 CANADIAN PACIFIC LTD.
3 GREAT LAKES PAPER CO., LTD.
4 ROYAL BANK OF CANADA, THE
5 SEAGRAM CO. LTD.
6 SIMPSONS LTD.
7 SOW LINE RAILROAD CO.
8 TRAPS CANADA PIPE LINES, LTD.
9 UNION CARBIDE (CANADA)

STANTON, FRANK

1 AMERICAN ELECTRIC POWER COMPANY, INC.
2 ATLANTIC RICHFIELD COMPANY
3 CRS, INC.
4 NEW YORK LIFE INSURANCE COMPANY
5 PAN AMERICAN WORLD AIRWAYS, INC.
6 ROUX DIGEST, INC.
7 INTERPUBLIC GROUP OF COMPANIES, INC.
8 NEW PERSPECTIVE FUNDS, INC.
9 OLSBERG, THE, LTD.

THOMPSON, MORLEY P.

1 KRUGER COMPANY, THE
2 ANCHOR HOOKING CORP.
3 BALDWIN, D. H., CO.
4 CANADIAN INTERNATIONAL POWER CO., LTD.
5 CINCINNATI BELL, INC.
6 FMC CORP.
7 STEARNS AND FOSTER CO.
8 UNITED CORP., THE
9 XOMOX CORP.

WALLACE, MARTHA REDFIELD

- 1 AMERICAN EXPRESS COMPANY.
- 2 CHEMICAL NEW YORK CORPORATION
- 3 AMERICAN CAN COMPANY
- 4 ROWERY SAVINGS BANK
- 5 BRISTOL-MYERS CO.
- 6 LUCE, HENRY, FOUNDATION, INC.
- 7 NEW YORK TELEPHONE COMPANY
- 8 SCUDDER DUQ-VEST EXCHANGE FUND, INC.
- 9 SCUDDER DUQ-VEST, INC.

WALLIS, W. ALLEN

- 1 EASTMAN KODAK COMPANY
- 2 METROPOLITAN LIFE INSURANCE COMPANY
- 3 RAUSCH & LOMP INC.
- 4 ESMARCK, INC.
- 5 LINCOLN FIRST BANKS, INC.
- 6 MACMILLAN INC.
- 7 ROCHESTER TELEPHONE CORP.
- 8 TRANS UNION CORP.
- 9 UNION TANK CAR CO.

WASSON, E. HORNSBY

- 1 PRUDENTIAL INSURANCE CO. OF AMERICA
- 2 STANDARD OIL COMPANY OF CALIFORNIA
- 3 AEROSPACE CORPORATION
- 4 AMERICAN POTATO COMPANY
- 5 AVANTEK, INC.
- 6 REKINS CO., THE
- 7 CARTER HAWLEY HALE STORES, INC.
- 8 ROCKET RESEARCH CORP.
- 9 STANFORD RESEARCH INST.

YOUNG, W. MAURICE

- 1 CONSOLIDATED FREIGHTWAYS, INC.
- 2 SAFEWAY STORES, INC.
- 3 ATOMIC ENERGY OF CANADA LIMITED
- 4 BRITISH COLUMBIA DEVELOPMENT CORP.
- 5 FINNING TRACTOR AND EQUIPMENT CO., LTD.
- 6 NORTHERN TELECOM LIMITED
- 7 PINE POINT MINES LIMITED
- 8 ROYAL GENERAL INSURANCE CO OF CANADA
- 9 TORONTO-DOMINION BANK

DIRECTORS HOLDING 10 SEATS

DILLINGHAM, LOWELL S.

- 1 BANKAMERICA CORPORATION
- 2 PAN AMERICAN WORLD AIRWAYS, INC.
- 3 BANK OF HAWAII
- 4 CYPRUS HAWAIIAN CEMENT CORP.
- 5 DELTEC INTERNATIONAL, LTD.
- 6 DILLINGHAM CORP.
- 7 DILLINGHAM, S. F., CO., LTD.
- 8 HAWAIIAN WESTERN STEEL, LTD.
- 9 LOWELL SUN TIMES
- 10 TIMES MIRROR CO.

GEEY, JOHN D.

- 1 FIRST CHICAGO CORPORATION
- 2 CASTLE & COOK, INC.
- 3 HART SCHAFFNER & MARX
- 4 JANTZEN INC.
- 5 NORTHWEST INDUSTRIES, INC.
- 6 OMARX INDUSTRIES INC.
- 7 PRECISION CASTPARTS CORP.
- 8 SUNBEAM CORP.
- 9 TEKTRONIX INC.
- 10 UNITED COMPANIES FINANCIAL CORP.

HAUGE, GABRIEL

- 1 (CHMAN) MANUFACTURERS HANOVER CORPORATION
- 2 CHRYSLER CORPORATION
- 3 NEW YORK LIFE INSURANCE COMPANY
- 4 AMAX, INC.
- 5 AMERICAN HOME PRODUCTS CORP.
- 6 BROOKLYN UNION GAS CO.
- 7 DISCOUNT CORP. OF NEW YORK
- 8 GENERAL AMERICAN INVESTORS, INC.
- 9 NEW YORK TELEPHONE COMPANY
- 10 SPS, INC.

HOLLAND, JEROME HEARTWELL

- 1 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
- 2 CHRYSLER CORPORATION
- 3 CONTINENTAL CORPORATION, THE
- 4 FEDERATED DEPARTMENT STORES, INC.
- 5 MANUFACTURERS HANOVER CORPORATION
- 6 UNION CARBIDE CORPORATION
- 7 CYLERO CORP.
- 8 GENERAL FOODS CORP.
- 9 NEW YORK STOCK EXCHANGE
- 10 ZIEM INDUSTRIES, INC.

JOHNSON, WILLIAM R.

- 1 CONTINENTAL ILLINOIS CORPORATION
- 2 AREX CORPORATION
- 3 ESMACK, INC.
- 4 FC INDUSTRIES
- 5 IC INDUSTRIES, INC.
- 6 ILL. CENTRAL GULF RAILROAD
- 7 LINCOLN FINANCIAL, INC.
- 8 MIDAS-INTERNATIONAL CORP.
- 9 PEPSI COLA GENERAL BOTTLERS, INC.
- 10 TRANS UNION CORP.

MARTIN, WILLIAM MCCHESENEY, JR.

- 1 AMERICAN EXPRESS COMPANY
- 2 CATERPILLAR TRACTOR COMPANY
- 3 INTERNATIONAL BUSINESS MACHINES CORP.
- 4 UNITED STATES STEEL CORPORATION
- 5 DOW JONES AND CO., INC.
- 6 ELI LILLY & CO.
- 7 FREEPORT MINERALS CO.
- 8 GENERAL FOODS CORP.
- 9 ROYAL DUTCH PETROLEUM CO.
- 10 SCANDINAVIAN SECURITIES CORP.

REINHARD, WILLIAM S.

- 1 CHEMICAL NEW YORK CORPORATION
- 2 CONSOLIDATED EDISON CO OF NEW YORK
- 3 NEW YORK LIFE INSURANCE COMPANY
- 4 AMERADA HESS CORP.
- 5 ARMSTRONG RUBBER CO.
- 6 BAKER INDUSTRIES INC.
- 7 BALDWIN SECURITIES CORP.

8	BORDEN, INC.
9	C. I. REALTY INVESTORS
10	CLEVELAND CLIFFS IRON CO.

STERN, EDGAR B., JR.

1	SEARS, ROEBUCK AND CO.
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2	INTERCHANGE REALTY CO., INC.
3	MERMENTAU MINERAL AND LAND CO., INC.
4	MISSION HILLS FANCH, INC.
5	ROYAL ST. LOUIS, INC.
6	ROYAL STREET CORP.
7	SOUTHERN STATES LAND AND TIMBER CORP.
8	STANCOURT COPP.
9	STANFORD COURT HOTEL MANAGEMENT CO., INC.
10	STARWOOD LAND COPP.

DIRECTORS HOLDING 11 SEATS

ADAMS, CHARLES F.

- 1 PAN AMERICAN WORLD AIRWAYS, INC.
- 2 EQUITABLE LIFE MORTGAGE & REALTY INVESTORS
- 3 FLUCK INDUSTRIES, INC.
- 4 GILLETTE CO.
- 5 HYSTER CO.
- 6 PROPERTY MUTUAL FIRE INSURANCE CO.
- 7 LIFEPLY MUTUAL INSURANCE CO.
- 8 MACON-LAMTER CORP.
- 9 NORTHWEST ACCEPTANCE CORP.
- 10 NORTHWEST NATURAL GAS CO.
- 11 RAYTHEON CO.

BASSETT, HARRY HOOB

- 1 EASTERN AIRLINES, INC.
- 2 CANADIAN AMERICAN BANKS, S. A.
- 3 CANADIAN AMERICAN FINANCE, S. A.
- 4 SOUTHEAST BANKS TRUST CO.
- 5 SOUTHEAST DATA PROCESSING INC.
- 6 SOUTHEAST FIRST NATIONAL BANK OF MIAMI
- 7 SOUTHEAST MANAGEMENT SERVICES INC.
- 8 SOUTHEAST PROPERTIES INC.
- 9 SOUTHEAST S. D. I. CO. INC.
- 10 SOUTHEAST SERVICES INC.
- 11 WOMETCO ENTERPRISES, INC.

BENNETT, GEORGE F.

- 1 FLORIDA POWER AND LIGHT COMPANY
- 2 FORD MOTOR CO.
- 3 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
- 4 MIDDLE SOUTH UTILITIES, INC.
- 5 FEDERAL STREET FUND INC.
- 6 HANNA MINING CO.
- 7 HEWLETT PACKARD CORP.
- 8 NEW ENGLAND ELECTRIC SYSTEM
- 9 ROCKEFELLER UNIVERSITY
- 10 STATE STREET INVESTMENT CORP.
- 11 STATE STREET RES. & MGMT. CO.

DECKER, ALONZO G., JR.

- 1 CHESSTE SYSTEM, INC.
- 2 AMF INC.
- 3 BALTIMORE & OHIO RAILROAD CO.
- 4 BALTIMORE GAS & ELECTRIC CO.
- 5 BLACK AND DECKER MANUFACTURING COMPANY
- 6 CHESAPEAKE AND OHIO RAILWAY CO.
- 7 FIRST MARYLAND BANK CORP.
- 8 FIRST NATIONAL BANK OF MD.
- 9 MONUMENTAL CORP.
- 10 MONUMENTAL LIFE INS. CO.
- 11 WESTERN MD. RAILWAY CO.

FUNKSTON, G. KEITH

- 1 CHEMICAL NEW YORK CORPORATION
- 2 INTERNATIONAL BUSINESS MACHINES CORP.
- 3 METROPOLITAN LIFE INSURANCE COMPANY
- 4 AVCO CORP.
- 5 HARTFORD STEAM BOILER INSPECTION & INSURANCE CO.
- 6 IC INDUSTRIES, INC.
- 7 NATIONAL AVIATION & TECHNOLOGY CORP.
- 8 PAUL REVERE INVESTORS, INC.
- 9 PUTNAM TRUST CO.
- 10 REPUBLIC STEEL CORP.
- 11 WIN DIXIES STORES, INC.

LAMBERT, ALLEN T.

- 1 CONTINENTAL CORPORATION, THE
- 2 CANADIAN INTERNATIONAL PAPER CO.
- 3 DOMAES MINES LTD.
- 4 HIRSH-WALKER-GOODERMAN & WARTS, LTD.
- 5 I. B. M., LTD.
- 6 INCO, LTD.
- 7 JUDSON BAY MINING & SMELTING CO., LTD.
- 8 LONDON LIFE INSURANCE CO.
- 9 MIDLAND & INTERNATIONAL BANKS, LTD.
- 10 TORONTO DOMINION BANK
- 11 WESTINGHOUSE CANADA, LTD.

PURCELL, ROBERT W.

- 1 KRESGE, S. S., COMPANY

2	BASIC RESOURCES INTERNATIONAL S. A.
3	BENDIX CORP.
4	C. I. T. FINANCIAL CORP.
5	INTERNATIONAL BASIC ECONOMY CORP.
6	INTERNATIONAL MINERALS & CHEMICAL CORP.
7	INVESTORS GROUP, THE
8	PITTSBURGH CO., THE
9	ROCKEFELLER CENTER, INC.
10	ROCKEFELLER FAMILY AND ASSOCIATES
11	SEABOARD WORLD AIRLINES, INC.

SHAPIRO, ELI

1	TRAVELERS INSURANCE COMPANY
2	AIKEN INDUSTRIES, INC.
3	AVIS, INC.
4	COT. CORP.
5	COT CORPORATION
6	CONNECTICUT NATURAL GAS CORP.
7	CONNECTICUT NATURAL GAS CORP.
8	NATIONAL TELE. CO., INC.
9	NOPLIN CORP.
10	NOPLIN CORP.
11	RANDOLPH, J. H., & ASSOCIATES, INC.

DIRECTORS HOLDING 12 SEATS

BURR, FRANCIS H.

- 1 AMERICAN AIR LINES, INC.
- 2 EQUITABLE LIFE ASSURANCE
- 3 COMMERCIAL UNION ASSURANCE CO., LTD.
- 4 COMMERCIAL UNION CORP.
- 5 COPPING GLASS WORKS
- 6 FEDERAL STREET FUND
- 7 FIDUCIARY TRUST CO OF NEW YORK
- 8 FIRST NATIONAL BANK OF BOSTON
- 9 NEW ENGLAND ELECTRIC SYSTEM
- 10 ROBES & GREY
- 11 STATE STREET INVESTMENT CORP.
- 12 UNION WARREN SAVINGS

LAIRD, M. P.

- 1 METROPOLITAN LIFE INSURANCE COMPANY
- 2 NORTHWEST AIRLINES, INC.
- 3 PHILLIPS PETROLEUM COMPANY
- 4 CHICAGO PNEUMATIC TOOL CO.
- 5 COMMUNICATIONS SATELLITE CORP.
- 6 IDS BOND FUND, INC.
- 7 IDS PROGRESSIVE FUND, INC.
- 8 INVESTORS ACCUMULATION PLAN
- 9 INVESTORS MUTUAL, INC.
- 10 INVESTORS STOCK FUND, INC.
- 11 PUBLISHER INC.
- 12 READER'S DIGEST

SMILEY, DONALD B.

- 1 CHARTER NEW YORK CORP.
- 2 METROPOLITAN LIFE INSURANCE COMPANY
- 3 RCA CORP.
- 4 UNITED STATES STEEL CORPORATION
- 5 FIDELITY UNION BANK CORPORATION
- 6 MACY CREDIT CORP.
- 7 MACY, R. H., AND CO., INC.
- 8 NATIONAL BROADCASTING CO., INC.
- 9 OMEGA FUND, INC.
- 10 PALSTON PURINA CORP.
- 11 TEXAS GULF, INC.
- 12 TEXAS GULF, INC.

DIRECTORS HOLDING 13 SEATS

COLEMAN, JOHN H.

- 1 CHRYSLER CORPORATION
- 2 BEATRICE FOODS CO.
- 3 CHRYSLER CANADA, LTD.
- 4 COLGATE PALMOLIVE, LTD.
- 5 GREAT-WEST LIFE ASSURANCE CO.
- 6 HAWKER SIDDELEY, CANADA
- 7 HUNTER DOUGLAS N. V.
- 8 INASCO, LTD.
- 9 INTERNATIONAL MINERALS & CHEMICAL CORP.
- 10 MARITIME STEEL AND FOUNDRIES
- 11 ROYAL BANK OF CANADA
- 12 TRANS CANADA PIPE LINES, LTD.
- 13 XEROX OF CANADA, LTD.

MATTHEWS, J. BRUCE

- 1 AETNA LIFE AND CASUALTY COMPANY
- 2 ARGUS CORP.
- 3 AVCO OF CANADA, LTD.
- 4 CANADA PERMANENT MORTGAGE CORP.
- 5 CANADA PERMANENT TRUST CO.
- 6 DANTAR, LTD.
- 7 DOME MINES LTD.
- 8 DOME PETROLEUM, LTD.
- 9 DOMINION STORES, LTD.
- 10 DONTAR
- 11 HOLLINGER MINES, LTD.
- 12 MASSEY FERGUSON LTD.
- 13 STANDARD BROADCASTING CORP., LTD.

MC LAUGHLIN, W. FAYLE

- 1 GENERAL MOTORS CORP.
- 2 METROPOLITAN LIFE INSURANCE COMPANY
- 3 ADELA INVESTMENT CO., S. A.
- 4 ALUMA STEEL CORP., LTD.
- 5 ALLIED CHEMICAL CANADA, LTD.
- 6 CANADIAN PACIFIC LTD.
- 7 GENSTAR LTD.
- 8 LIAIP LIQUIDE
- 9 POWER CORPORATION OF CANADA, LTD.
- 10 PALSTON PURINA OF CANADA, LTD.
- 11 ROYAL BANK OF CANADA, THE
- 12 STANDARD BRANDS, INC.
- 13 SUN ALLIANCE & LONDON GROUP

PART III. SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The interlocking directorate is a corporate management device which has become a tradition among the largest U.S. corporations. It is generally considered good business to have outside interests represented on one's board of directors. Outside directors are said to provide experience, advice and counsel, important business contacts, special information, and other advantages to the companies on whose boards they sit.

But the interlocking directorate can be both good business for corporations and bad business for the public. Directors who also sit on other company boards occupy positions with potential for anti-trust abuse and conflicts of interest. Since the Pujo Committee investigation of J. P. Morgan and the "Money Trust," Congressional and Federal agency studies have warned that direct or indirect interlocks can lead to destruction of competition and the concentration of economic and political power in the hands of a few. Such dual—and in some cases multiple—positions may lead to divided loyalties and breaches of fiduciary responsibility.

The laws of most States require that every corporation must have a board of directors composed of at least three persons who shall be responsible for the management of the incorporated enterprise. Beyond that, there is little in State or Federal law specifying the nature and composition of corporate boards. Section 8 of the Clayton Act contains narrowly limited prohibitions against director interlocks between competing industrial and commercial companies. Section 8 and other Federal statutes also proscribe certain interlocks relating to regulated companies, subject to approvals or exemptions by regulatory agencies under very broad public interest standards.

But these limited constraints, while deterring the most blatant of interlocks—common directorships between direct competitors—have only provided respectability for a wide variety of other kinds of interlocks which may have similar, but more subtle, abusive effects.

It has been the purpose of this study to identify these other kinds of interlocks as they have occurred among the Nation's largest corporations. Emphasis has been placed on the directorate concentration among the 130 largest U.S. firms, and on their extensive linkages with the rest of corporate America. Indirect interlocks among competitors in automobiles, energy, telecommunications, retailing and financial services have been analyzed. Direct and indirect interlocks among major producers, suppliers and customers have been described. The close corporate relationships between the leaders of prominent business organizations have been revealed.

From the study, the staff has concluded that American business is highly concentrated across industry lines—perhaps more concentrated today than it was in 1913 when Louis Brandeis wrote of the "endless chain," and in 1955 when C. Wright Mills spoke of the "power elite."

The 130 major companies in the study represented assets totalling over \$1 trillion, about 25 percent of the assets of all U.S. corporations. According to the computer analysis, these companies at the top of corporate America were heavily concentrated through interlocking directorates. Except for 7 investment advisory companies, each of the 123 major firms connected on an average with half of the other companies in the study through a total of 530 direct and 12,193 indirect interlocks. These corporate connections were intensified at the upper end of the scale: 9 firms reached 90-99 companies; 22 firms reached 80-89 companies; and 22 firms reached 70-79 companies.

A more striking picture of corporate concentration appeared among the 13 largest companies in the study. With few exceptions, each of these firms directly or indirectly interlocked with each other. In addition, each of the top 13 reached an average of 70 percent of the other major companies through a total of 240 direct and 5,547 indirect interlocks. This is a conservative statistic since the data base did not include the director interlocks of the top 13 firms' 486 subsidiaries.

Indeed, the boardrooms of four of the largest banking companies (Citicorp, Chase Manhattan, Manufacturers Hanover, and J. P. Morgan), two of the largest insurance companies (Prudential and Metropolitan Life) and three of the largest nonfinancial companies (A.T. & T., Exxon, and General Motors) looked like virtual summits for American business.⁴⁷

The 16 leading financial institutions were heavily linked. Commercial banking directors clustered on insurance company boards and insurance directors met on banking company boards. Banking and insurance company directors also interlocked substantially on the boards of the largest industrials, utilities, transportation, and retailing organizations.

The country's "Big Three" automotive manufacturers were closely connected on the boards of major financial institutions, suppliers, and customers. The Nation's top steel and electric equipment producers were similarly linked.

Among the eight major energy companies, three of the largest firms were indirectly interlocked with each of their competitors. One industrial, Caterpillar Tractor, hosted as many as five of the eight energy majors on its board. The No. 1 energy company, Exxon, directly interlocked with the first, third, fourth, fifth, and sixth largest corporations in the United States.

In the rapidly changing telecommunications industry the giant, A.T. & T., indirectly linked with its closest rival, IBM, 22 times. Directly represented at the A.T. & T. board table were 8 of the 13 largest companies in the nation.

The country's major retailing organizations were interconnected, primarily on the boards of major suppliers and banking companies.

The Nation's largest airlines and electric utilities were found to be substantially interlocked with major lending institutions.

All four broadcasting organizations (ABC, CBS, NBC, and Westinghouse) were represented on the board of the country's largest international banker, Citicorp, and the network companies linked with each other on the boards of other financial companies and industrials.

These facts raise fundamental issues.

Such interlocking directorates among the Nation's very largest corporations may provide mechanisms for stabilizing prices, control-

⁴⁷ See analysis 4, beginning on page 214.

ling supply and restraining competition. They can have a profound effect on business attempts to influence Government policies. They can impact on corporate decisions as to the type and quality of products and services to be marketed in the United States and overseas. They can influence company policies with respect to employee rights, compensation and job conditions. They can bear on corporate policies with respect to environmental and social issues and possibly, control the shape and direction of the Nation's economy.

RECOMMENDATIONS FOR LEGISLATIVE CONSIDERATION

The staff believes that the matters disclosed in this study justify congressional oversight and examination of new legislation directed toward breaking up the close directorate ties among the larger corporations and providing the public with a better understanding of how corporate policies are made and who is responsible for making them.

Accordingly, the following proposals are recommended for consideration:

First, Congress should enact a general prohibition against any officer or director of a company with over \$1 billion in assets or sales from being an officer or director of any other company of similar size.

This proscription would apply to all lines of business, including regulated and nonregulated enterprises. It would be a flat prohibition against multiple management representation involving two or more companies above the \$1 billion threshold.

This may sound like a harsh proposal. Indeed, it is, because its purpose is to effect dynamic changes in the composition of major company boards. Its objective is to separate the larger corporate managements in order to encourage more innovative and competitive corporate policies and to avoid possible conflicts of interest.

The idea is not a new one. It emerged from the recommendations of Louis Brandeis in 1913 after his study of the Pujo Committee report. It was suggested by a top official of the Antitrust Division in 1950 and by Senator Humphrey in 1951.⁴⁸ It was implicit in the recommendations of the staff of the Celler Antitrust Subcommittee in 1965.

The statutory restriction would be easier to enforce than existing antitrust statutes since it is a flat prohibition without exceptions. Furthermore, such legislation may be more palatable to both the business and political sectors since it seeks to reach concentration by restructuring the composition of major corporate boards rather than the corporate organizations themselves. At least, it would be a first step in meeting the problems of shared monopolies and unbalanced competition.

The reasoning behind this proposal is that, on analysis, those companies with the closest directorate ties are the industry leaders with over \$1 billion in sales or assets, and it is at this level that the potentials for abuse reach their intensity on a national scale, and the impact on corporate policies can be the most severe.

Second, Congress should amend Section 8 of the Clayton Act and other relevant interlocking directorate statutes, to prohibit all types of interlocks between actual and potential competitors, and to prohibit interlocks involving actual and potential customers, suppliers

⁴⁸ Kramer, "Interlocking Directorships and the Clayton Act After 35 Years," 59 Yale L.J. 1266 (1950) at p. 1274; 97 Cong. Rec. 6392 (1951), remarks of Senator Humphrey.

and sources of credit or capital. Such prohibitions may have to be specially tailored to meet the interlock problems within the regulatory jurisdictions, but in the nonregulated areas, they should be given a sweeping effect. Legislation along this line was recommended in the Celler Antitrust Subcommittee staff report. It has recently received renewed interest in the subcommittees of the Judiciary and Commerce committees of the House.

Such prohibitions should be made applicable to any corporation in interstate commerce which has sales or assets over a prescribed amount. The million dollar threshold in Section 8 of the Clayton Act is too low. But a \$100 million limit may be too high. Further investigation is needed as to an appropriate cutoff.

Third, the regulatory agencies should require current and complete reporting of interlocking directorships by the companies under their respective jurisdictions and make the information publicly available. The agencies have the general authority to obtain the data. There is nothing confidential about it. A model corporate disclosure regulation relating to interlocks was submitted to agencies by the chairman of the Subcommittee on Reports, Accounting and Management in January, 1975. To date, only the Interstate Commerce Commission has promulgated interlock reporting rules following the recommended regulation.

The staff had enormous problems in collecting the information used in this study. There was no single place where it could be found on a current and accurate basis. There is an overwhelming need for a designated agency to take the lead role in collecting and disseminating the data for the benefit of the public, the Congress and the Executive Branch. The logical starting point is the Securities and Exchange Commission. It has corporate disclosure jurisdiction over most of the major U.S. corporations and many of the smaller companies as well.

About 10 months ago the SEC proposed rules for obtaining some, but not all, of the necessary facts about corporate directors. It is time that the Commission moved ahead to collect the current directorate data and make it publicly available on a continuing basis. As to information not within the jurisdiction of the SEC, other agencies should exercise their information-gathering authority to obtain the data and transmit it to the SEC. The Federal Reserve Board, the Department of the Treasury, and the Federal Trade Commission, among others, could assist the SEC in such an endeavor. If such logical cooperation among the agencies was not forthcoming, it could be required under the Federal Reports Act.

No longer should Government prosecutors and the average citizen have to hunt and pick their way through incomplete and inaccurate Government and private information sources to learn who presently sits on major corporate boards and what other companies they represent. Computerization is far enough advanced to provide a central and up-to-date source for that kind of information.

Fourth, the appropriate regulatory agencies should adopt rules for requiring diversified representation on the boards of companies under their jurisdictions. For instance, consideration should be given to insisting that at least one-third of the board membership be representative of consumers, minorities, employees and the public generally. A company should be required to submit its balanced slate annually to the jurisdictional agency for approval. Companies continuing to do business without agency approval should be subject to penalties and

administrative action. Again, an appropriate cutoff may be necessary for effective enforcement.

This also may be a harsh proposal. But it is justifiable as any cursory examination of the directorates in Appendix A will demonstrate. Each of the 130 major boards, and those major and minor boards with which they directly interlock, are composed primarily of corporate officials or directors or partners in firms whose basic orientation is from the business sector. There are few voices from the people to establish a broader dialogue as to board decisions.

The fact that some major corporations have begun to place one or two public interest representatives—albeit token—on their boards indicates at least a sensitivity for the issue to which this proposal is directed.

Fifth, Congress should authorize a congressional investigation into interlocking directorates among the major companies by a special study committee or commission aided by the General Accounting Office. Assistance from the regulatory agencies—arms of the Congress—should be required. The organization should be given the usual powers of discovery. Its jurisdiction would be limited to the investigation of facts, the reporting of conclusions and the recommendation of legislation. The substantive committees would be responsible for reporting the legislative remedies.

Similarly, the Antitrust Division, the Federal Trade Commission and the Securities and Exchange Commission should place enforcement of existing interlocking directorate legislation on a priority basis. Other agencies should also review their relevant statutes and up-grade their monitoring and enforcement capabilities. Much of the monitoring can be done by computer technology. It is not difficult to plot the patterns of concentrated business behavior, and to seek through discovery the necessary proof of that behavior.

Finally, consideration should be given to rulemaking and, where necessary, legislation seeking to make board meetings of the larger U.S. corporations open to the public. These entities have as great a responsibility to the people as do the Federal agencies which are required to open their meetings by the Government in the Sunshine Act (enacted in 1976). Perhaps, there should be a "Business in the Sunshine Act" requiring board openness, but like the Federal statute, containing provisions for closure of the meetings when trade secrets, privileged and/or financial information, or personnel matters are to be discussed.

The staff understands that open discussions of corporate plans and policies can have significant effects on a company's securities or on its business reputation. However, the value of a major corporate board being open to public understanding may far outweigh the potential adverse impact of open deliberations.

In conclusion, the staff appreciates the sincere interests on the part of corporate executives to surround themselves with experienced advisors from the business community. It understands that representatives from the financial sector can be helpful on the boards of nonfinancial corporations, and that officers and directors of industrial and commercial entities can be useful to financial institutions. However, the staff feels that the use of the interlocking directorate as a management device may have gone too far. As shown in the analyses and material produced by this study, it may have already crossed the threshold of private enterprise and entered the domain of private government.

APPENDIX A

Master List of Direct and Indirect Interlocks
among the 130 Major Companies in 1976
(Alphabetically by Company and Company Directors)

Appendix A is a master computer printout describing the direct and indirect interlocks among the 130 major companies. For each major company (listed alphabetically), there is set forth the name of each director and every other corporate board (major and minor) on which he or she sits as a director. These are direct interlocks. To the immediate right of such listing are names of major companies having one or more directors also on the board of the directly interlocked company (together with the names of such directors). These are the indirect interlocks.

By way of example, looking at Aetna Life and Casualty, Wallace Barnes is listed as a director of that company. He was also a director of Barnes Group, Inc. Sitting on the board of Barnes Group were Richard K. LeBlond, II, a director of Chemical New York and Carlyle F. Barnes, a director of Travelers. Thus, Aetna is directly interlocked with Barnes Group, and through Barnes Group, indirectly interlocked with Chemical New York and Travelers.

Barnes also is listed as a director of CBT Corporation. Four directors of Connecticut General Life Insurance were also directors of CBT Corporation. Thus, Aetna Life and Casualty is directly interlocked with CBT, and indirectly interlocked with Connecticut General four times through CBT.

The computer shows that two directors of Travelers are also on the CBT Corporation Board. Therefore, Barnes provides three indirect interlocks among Aetna Life and Casualty and Travelers; one through Barnes Group and two through CBT Corporation.

Barnes is further listed as a director of Insilco Corporation. The computer shows no directors of major corporations listed as being on the board of Insilco.

The master interlock printout covers each direct and indirect route provided by each director of the 130 major companies.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF AETNA LIFE AND CASUALTY COMPANY

BAILEY, WILLIAM O.
INSILCO CORP.
INTERCONTINENTAL REINSURANCE CO., LTD.
UNITED HOLDINGS, LTD.

BARNES, WALLACE
BARNES GROUP, INC.

CHEMICAL NEW YORK CORPORATION
LEBLOND, RICHARD K., II
TRAVELERS INSURANCE COMPANY
BARNES, CARLYLE F.

CBT CORPORATION

CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ENGLISH, J. F., JR.
MARTIN, ERLE
SUISMAN, MICHAEL
WALDRON, H. B., JR.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
SCHOEN, HERBERT P.
TRAVELERS INSURANCE COMPANY
SHAPIRO, ELI
WILKINS, ROGER C.

INSILCO CORP.
ELATZ, DURAND B.
HARTFORD NATIONAL CORP.

CONNECTICUT GENERAL LIFE INSURANCE COMPANY
WATKINS, F. D.
NORTHEAST UTILITIES
HENNESSY, EDWARD L., JR.
TRAVELERS INSURANCE COMPANY
FORD, T. MITCHELL

INSILCO CORP.
CONRAD, DONALD G.
FILER, JOHN H.
UNITED STATES STEEL CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

GRAY, HARRY J.
CITICORP

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF AETNA LIFE AND CASUALTY COMPANY

GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
PCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
EXXON CORPORATION
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
CATERPILLAR TRACTOR COMPANY
FRANKLIN, WILLIAM H.
CHASE MANHATTAN CORP.
KAUFFMAN, HOWARD C.
CHEMICAL NEW YORK CORPORATION
PIERCY, GEORGE T.
CITICORP
GARVIN, CLIFTON C., JR.
EQUITABLE LIFE ASSURANCE
JAMIESON, J. K.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
PROCTER AND GAMBLE COMPANY
HARNESS, EDWARD G.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
OTIS ELEVATOR CO.
CHAPTER NEW YORK CORP.
WELLER, RALPH A.
PPATT & WHITNEY AIRCRAFT OF CANADA, LTD.
UNITED TECHNOLOGIES CORP.
CHARTER NEW YORK CORP.
WELLER, RALPH A.
CITICORP
SPENCER, WILLIAM I.
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
NORTHEAST UTILITIES
HENNESSY, EDWARD L., JR.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
TRAVELERS INSURANCE COMPANY
FORD, T. MITCHELL
HEWITT, DAVID C.
SMITH, ARTHUR E.
WILKINS, ROGER C.
GROVE, DAVID
NORTHERN NATURAL GAS CO.
NORTHWEST BANCORPORATION
NURNBERGER, THOMAS S., JR.
KOOPMAN, RICHARD
HARTFORD NATIONAL CORP.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
WATKINS, F. D.
NORTHEAST UTILITIES
HENNESSY, EDWARD L., JR.
TRAVELERS INSURANCE COMPANY
FORD, T. MITCHELL
INNS GROUP, INC.
SMYTHE MANUFACTURING CO.
SOUTHERN NEW ENGLAND TELEPHONE CO.
AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
ROBERTS, HENRY R.
STANDARD INVESTMENT CO.
TEC GROUP, INC.
LORD, CHARLES E.
BAYLISS-MANNING CORP.
KAMAN CORP.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
WATKINS, F. D.
FIRST NATIONAL BOSTON CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AETNA LIFE AND CASUALTY COMPANY

HOLMES, D. BRAINERD
TRAVELERS INSURANCE COMPANY
BARNES, CARLYLE F.

N. A. PHILLIPS CORP.
SCHROEDER, J. HENRY, BANKING CORP.
SCOHILL MANUFACTURING CO.

MANNING, BAYLESS
AZCON CORP.
SCHROEDER, J. HENRY, BANKING CORP.
SCOVILL MANUFACTURING CO.

MATTHEWS, A. BRUCE
ARGUS CORP.
AVCO OF CANADA, LTD.
CANADA PERMANENT MORTGAGE CORP.
CANADA PERMANENT TRUST CO.
DAMTAR, LTD.
DOME MINES LTD.
DOME PETROLEUM, LTD.
DOMINION STORES, LTD.
DOMTAR
HOLLINGER MINES, LTD.
MASSEY FERGUSON LTD.
STANDARD BROADCASTING CORP., LTD.

MILLER, JOHN PERRY
SOUTHERN NEW ENGLAND TELEPHONE CO.

AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
ROBERTS, HENRY R.

ROBICHAUD, BERYL (DR)
ANCHOR GROUP OF FUNDS
MCGRAW-HILL, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MCGILL, WILLIAM J. (DR.)
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
COMMONWEALTH EDISON
AYERS, THOMAS G.
FIRST CHICAGO CORPORATION
AYERS, THOMAS G.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.

SEARLE, G. D., & CO.

RODERICK, DAVID M.
UNITED STATES STEEL CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

SHERMAN, ROBERT A.
EASTMAN KODAK COMPANY

CITICORP
HATFIELD, ROBERT S.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
GENERAL MOTORS CORP.
FALLON, WALTER A.
HATFIELD, ROBERT S.
INTERNATIONAL HARVESTER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK TRIP DIRECTOR
FOR AETNA LIFE AND CASUALTY COMPANY

ANDERSON, ROGER E.
MARINE MIDLAND BANKS, INC.
ZORNOW, GERALD E.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
PENNEY, J. C., CO., INC.
KEEPS, JUANITA M.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
WESTERN ELECTRIC CO., INC.
KEEPS, JUANITA M.
WESTINGHOUSE ELECTRIC CORPORATION
EILERS, LOUIS F.
CBS, INC.
PURCELL, JOHN P.
EASTMAN KODAK COMPANY
CHANDLER, COLBY H.
WALLIS, W. ALLEN
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
SMITH, OLCOTT D.
AVIS, INC.
CONTINENTAL CORPORATION, THE
BELL, DRUMMOND C.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
KEESSE, THOMAS W., JR.
MERRILL LYNCH AND COMPANY, INC.
HACK, ROBERT WILLIAM
TRAVELERS INSURANCE COMPANY
SHAPIRO, ELI
CONNECTICUT WATER SERVICE CO.
DAY, BERRY AND HOWARD
SWEART CORP.
HARTFORD COURANT
MORGAN, J. P., AND CO., INC.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DUFFY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
BOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, P. MANNING, JR.
FROSTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SEWITZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, P. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
UNITED TECHNOLOGIES CORP.
CHARTER NEW YORK CORP.
WELLER, RALPH A.
CITICORP
GRAY, HARRY J.
SPENCER, WILLIAM I.
BYRON CORPORATION
GRAY, HARRY J.
NORTHEAST TELEPHONE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AETNA LIFE AND CASUALTY COMPANY

	HENNESSY, EDWARD L., JR.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	TRAVELERS INSURANCE COMPANY
	FORD, T. MITCHELL
	HEWITT, DAVID C.
	SMITH, ARTHUR E.
	WILKINS, ROGER C.
TAYLOR, HOBART, JR.	
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	
	EQUITABLE LIFE ASSURANCE
	AGEE, WILLIAM M.
	GENERAL ELECTRIC COMPANY
	DANCE, WALKER D.
	GENERAL PUBLIC UTILITIES CORP.
	HAUPTFUHRER, BARBARA BARNES
	GOODYEAR TIRE AND RUBBER COMPANY
	DODD, EDWIN D.
	PAN AMERICAN WORLD AIRWAYS, INC.
	WISER, FORWOOD C., JR.
STANDARD OIL CO. OHIO	PROCTER AND GAMBLE COMPANY
	SHEPARD, HORACE A.
URBAN NATIONAL CORP.	CONTINENTAL CORPORATION, THE
	LEACH, RALPH F.
	MORGAN, J. P., AND CO., INC.
	LEACH, RALPH F.
	SOUTHERN RAILWAY COMPANY
	LEACH, RALPH F.
WESTINGHOUSE ELECTRIC CORPORATION	
	CHEMICAL NEW YORK CORPORATION
	PIVIROTT, RICHARD R.
	CITICORP
	MILLIKEN, ROGER
	EASTMAN KODAK COMPANY
	EILERS, LOUIS K.
	MANUFACTURERS HANOVER CORPORATION
	MCGILLICUDDY, JOHN F.
	WHITMAN, MARINA V. N.
	MELLON NATIONAL CORPORATION
	BURNHAM, DONALD C.
	NEW YORK LIFE INSURANCE COMPANY
	PIVIROTT, RICHARD R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AHMANSON, H. F., AND COMPANY

AHMANSON, ROBERT H.
HOME SAVINGS AND LOAN ASSOCIATION
AHMANSON, WILLIAM H.
HOME SAVINGS AND LOAN ASSOCIATION
ALLBRITTON, JOE L.
DEIHL, RICHARD H.
HOME SAVINGS AND LOAN ASSOCIATION
DEKRUIF, ROBERT M.
EVEY, STUART W.
GETTY OIL CO.

BANKAMERICA CORPORATION
MEDBERRY, C. J.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.

MITSUBISHI OIL CO.
HANNAH, DAVID S.
TOPPING, NORMAN
GETTY OIL CO.

BANKAMERICA CORPORATION
MEDBERRY, C. J.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
WRIGHT, J. O.
PACIFIC GAS AND ELECTRIC COMPANY
COOK, RANSOM M.
SECURITY PACIFIC CORP.
MCDANIEL, GLEN
TRANS WORLD AIRLINES, INC.
THORTON, CHARLES B.
WESTERN BANCORPORATION
THORTON, CHARLES B.
GREAT WESTERN FINANCIAL CORPORATION
MCGUIRE, T. G.

LITTON INDUSTRIES, INC.

TRANSAMERICA MUTUAL FUNDS

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN AIR LINES, INC.

ASTON, JAMES W.

DALLAS TIMES-HERALD
GENERAL PORTLAND, INC.
GIBPALTAR LIFE INSURANCE CO.
LONE-STAR STEEL CO.
NEUHAUFF BROTHERS PACKAGING
REPUBLIC OF TEXAS CORP.

TIMES MIRROR CO.

ZALE CORP.
BEERS, WILLIAM O.
ALLIS-CHALMERS CORP.

KRAFTCO CORP.

MANUFACTURERS HANOVER CORPORATION

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
BRIGHT, HARVEY R.
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
SEARS, ROEBUCK AND CO.
DAVIES, ALFRED I.
BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
FORD MOTOR CO.
MURPHY, FRANKLIN D.
INTERNATIONAL BUSINESS MACHINES CORP.
BROWN, HAROLD
PAN AMERICAN WORLD AIRWAYS, INC.
DILLINGHAM, LOWELL S.

NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.
WILKINS, ROGER C.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
CHASE MANHATTAN CORP.

SEARS, ROEBUCK AND CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN AIR LINES, INC.

PACE, NORMA T.
 CHEMICAL NEW YORK CORPORATION
 BUTTON, JAMES W.
 CITICORP
 SPENCER, WILLIAM I.
 COMMONWEALTH EDISON
 AYERS, THOMAS G.
 SWIFT, A. DEAN
 CONTINENTAL ILLINOIS CORPORATION
 WOOD, ARTHUR M.
 CROCKER NATIONAL CORPORATION
 LOWE, JOHN G.
 FIRST CHICAGO CORPORATION
 AYERS, THOMAS G.
 SWIFT, A. DEAN
 MORGAN, J. P., AND CO., INC.
 SHULTZ, GEORGE P.
 SMITH, A. O., CORP. . CONTINENTAL CORPORATION, THE
 WILSON, F. PERRY
 GOODYEAR TIRE AND RUBBER COMPANY
 SMITH, LLOYD B.
 MANUFACTURERS HANOVER CORPORATION
 WILSON, F. PERRY
 UNION CARBIDE CORPORATION
 WILSON, F. PERRY
 UNITED STATES STEEL CORPORATION
 AETNA LIFE AND CASUALTY COMPANY
 FILER, JOHN H.
 RODERICK, DAVID M.
 AMERICAN EXPRESS COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DEBUTTS, JOHN D.
 SPEER, EDGAR B.
 CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 SCRIVENER, ROBERT CARLTON
 CHARTER NEW YORK CORP.
 SMILEY, DONALD B.
 CHASE MANHATTAN CORP.
 MYERS, CHARLES F., JR.
 CHEMICAL NEW YORK CORPORATION
 WALKER, WILBERT A.
 CITICORP
 DEBUTTS, JOHN D.
 EASTMAN KODAK COMPANY
 MEYER, JOHN M., JR.
 FIRST BANK SYSTEM, INC.
 HERZOG, RAYMOND H.
 GENERAL MOTORS CORP.
 BRANCH, HARLEE, JR.
 DEBUTTS, JOHN D.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 MELLON NATIONAL CORPORATION
 GOTT, EDWIN H.
 METROPOLITAN LIFE INSURANCE COMPANY
 SMILEY, DONALD B.
 NORTHWEST AIRLINES, INC.
 HERZOG, RAYMOND H.
 PROCTER AND GAMBLE COMPANY
 SPEER, EDGAR B.
 RCA CORP.
 SMILEY, DONALD B.
 BURR, FRANCIS H.
 COMMERCIAL UNION ASSURANCE CO., LTD.
 COMMERCIAL UNION CORP.
 CORNING GLASS WORKS
 CBS, INC.
 GILPATRIC, ROSWELL L.
 CITICORP
 HOUGHTON, AMORY, JR.
 PALMER, EDWARD LEWIS
 EASTERN AIRLINES, INC.
 GILPATRIC, ROSWELL L.
 EASTMAN KODAK COMPANY
 PERKINS, DONALD S.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 METROPOLITAN LIFE INSURANCE COMPANY
 HOUGHTON, J. R.
 MORGAN, J. P., AND CO., INC.
 HOUGHTON, J. R.
 UNION PACIFIC CORPORATION
 PALMER, EDWARD LEWIS
 EQUITABLE LIFE ASSURANCE BURLINGTON NORTHERN, INC.
 HENDRICKSON, ROBERT M.
 CHASE MANHATTAN CORP.
 EKLUND, C. G.
 CITICORP
 SHELDON, ELEANOR H. B.
 CONSOLIDATED EDISON CO OF NEW YORK
 MUMFORD, MILTON C.
 CONTINENTAL OIL COMPANY
 BUEK, C. W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN AIR LINES, INC.

	EXXON CORPORATION
	JAMIESON, J. K.
	FORD MOTOR CO.
	WHARTON, CLIFTON R.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	AGEE, WILLIAM M.
	MELLON NATIONAL CORPORATION
	FISHER, A. W.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	WOOLWORTH, F. W., CO.
	JAMES, GEORGE F.
FEDERAL STREET FUND	GENERAL ELECTRIC COMPANY
	LAWRENCE, JOHN E.
FIDUCIARY TRUST CO OF NEW YORK	ATLANTIC RICHFIELD COMPANY
	DOWNER, JOSEPH P.
FIRST NATIONAL BANK OF BOSTON	
NEW ENGLAND ELECTRIC SYSTEM	FIRST NATIONAL BOSTON CORP.
	NICHOLS, GUY W.
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	FORD MOTOR CO.
	BENNETT, GEORGE F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
ROBES & GREY	
STATE STREET INVESTMENT CORP.	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	FORD MOTOR CO.
	BENNETT, GEORGE F.
	GENERAL ELECTRIC COMPANY
	LAWRENCE, JOHN E.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	PHILLIPS, THOMAS L.
	METROPOLITAN LIFE INSURANCE COMPANY
	NICKERSON, ALBERT L.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
UNION WARREN SAVINGS	
CARROLL, THOMAS S.	
INTERPACE CORP.	
LEVER BROTHERS CO.	CONSOLIDATED EDISON CO OF NEW YORK
	MUMFORD, MILTON C.
	EQUITABLE LIFE ASSURANCE
	MUMFORD, MILTON C.
CARTER, AMON G., JR.	
FORT WORTH STAR-TELEGRAM	
GRAHAM MAGNETICS INC.	
STAFFORD LOWDON INC.	
CASEY, ALBERT V.	
C. I. T. FINANCIAL CORP.	KRESGE, S. S., COMPANY
	PURCELL, ROBERT W.
	MOBIL CORPORATION
	SCHMIDT, HERMAN J.
PACIFIC AMERICAN INCOME SHARES, INC.	
TIMES MIRROR CO.	BANKAMERICA CORPORATION
	DILLINGHAM, LOWELL S.
	FORD MOTOR CO.
	MURPHY, FRANKLIN D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BROWN, HAROLD
	PAN AMERICAN WORLD AIRWAYS, INC.
	DILLINGHAM, LOWELL S.
CRANDALL, ROBERT L.	
LEATHERBY INSURANCE CO.	
EDLEY, CHRISTOPHER F.	
C. I. T. FINANCIAL CORP.	KRESGE, S. S., COMPANY
	PURCELL, ROBERT W.
	MOBIL CORPORATION
	SCHMIDT, HERMAN J.
NATIONAL BANK OF NORTH AMERICA	MOBIL CORPORATION
	SCHMIDT, HERMAN J.
PERRE, ANTONIO LUIS	
BANCO DE PONCE	UNION CARBIDE CORPORATION
	DEJESUS, ROBERTO TORO
BANK OF MIAMI	
EL NUEVO DIA, INC.	
MAULE INDUSTRIES, INC.	
PUERTO RICAN CEMENT CO., INC.	UNION CARBIDE CORPORATION
	DEJESUS, ROBERTO TORO
FISCHER, CHARLES T., III	
DETROIT EDISON COMPANY	GENERAL MOTORS CORP.
	GERSTENBERG, RICHARD C.
	KRESGE, S. S., COMPANY
	HARPER, DAVID B.
	NATIONAL DETROIT CORPORATION
	GERSTENBERG, RICHARD C.
	HAMANN, JOHN R.
	HUDSON, JOSEPH L., JR.
GENERAL MOTORS CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN AIR LINES, INC.

DEBUTTS, JOHN D.
 BETHLEHEM STEEL CORPORATION
 PATTERSON, ELLMORE C.
 CHASE MANHATTAN CORP.
 CONNOR, JOHN T.
 SMITH, J. STANFORD
 CITICORP
 DEBUTTS, JOHN D.
 HATFIELD, ROBERT S.
 DETROIT EDISON COMPANY
 GERSTENBERG, RICHARD C.
 EASTMAN KODAK COMPANY
 FALLON, WALTER A.
 HATFIELD, ROBERT S.
 FIRST CHICAGO CORPORATION
 SIVAGE, GERALD A.
 MELLON NATIONAL CORPORATION
 MAYEE, JOHN A.
 METROPOLITAN LIFE INSURANCE COMPANY
 MCLAUGHLIN, W. EARLE
 SIVAGE, GERALD A.
 MORGAN, J. P., AND CO., INC.
 FALLON, WALTER A.
 MORGENS, HOWARD J.
 PATTERSON, ELLMORE C.
 NATIONAL DETROIT CORPORATION
 GERSTENBERG, RICHARD C.
 NORFOLK AND WESTERN RAILWAY COMPANY
 MAYER, JOHN A.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 CLEARY, CATHERINE B.
 PROCTER AND GAMBLE COMPANY
 MORGENS, HOWARD J.
 SANTA FE INDUSTRIES, INC.
 PATTERSON, ELLMORE C.
 UNITED STATES STEEL CORPORATION
 BRANCH, HARLEE, JR.
 DEBUTTS, JOHN D.
 HIRAM-WALKER-GOODERHAM & WARTS, LTD.
 CATEPILLAR TRACTOR COMPANY
 SCRIVENER, ROBERT CARLTON
 CONTINENTAL CORPORATION, THE
 LAMBERT, ALLEN T.
 UNITED STATES STEEL CORPORATION
 SCRIVENER, ROBERT CARLTON
 NATIONAL BANK OF DETROIT CHRYSLER CORPORATION
 SEMPLE, ROBERT B.
 NATIONAL DETROIT CORPORATION
 SEMPLE, ROBERT B.
 SURDAM, ROBERT M.
 NATIONAL DETROIT CORPORATION CHRYSLER CORPORATION
 GRIFFITHS, MARTHA W.
 SEMPLE, ROBERT B.
 CONSUMERS POWER COMPANY
 AYMOND, A. H.
 GRIFFITHS, MARTHA W.
 MCKONE, DON T.
 DETROIT EDISON COMPANY
 GERSTENBERG, RICHARD C.
 HAMANN, JOHN R.
 HUDSON, JOSEPH L., JR.
 GENERAL MOTORS CORP.
 GERSTENBERG, RICHARD C.
 FRESGE, S. S., COMPANY
 AYMOND, A. H.
 EODMAN, HENRY T.
 CUNNINGHAM, HARRY B.
 GRIFFITHS, MARTHA W.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 AYMOND, A. H.
 FLEISCHMANN, MANLY
 EQUITABLE LIFE ASSURANCE
 BURLINGTON NORTHERN, INC.
 HENDRICKSON, ROBERT M.
 CHASE MANHATTAN CORP.
 EKLUND, C. G.
 CITICORP
 SHELDON, ELEANOR H. B.
 CONSOLIDATED EDISON CO OF NEW YORK
 MUMFORD, MILTON C.
 CONTINENTAL OIL COMPANY
 BUEK, C. W.
 EXXON CORPORATION
 JAMIESON, J. K.
 FORD MOTOR CO.
 WHAFTON, CLIFTON R.
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 AGEE, WILLIAM M.
 MELLON NATIONAL CORPORATION
 FISHER, A. W.
 MOBIL CORPORATION
 SHELDON, ELEANOR H. B.
 WOOLWORTH, F. W., CO.
 JAMES, GEORGE F.
 SIERRA RESEARCH CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN AIR LINES, INC.

LEITCH, JOHN D.

CANADA LIFE ASSURANCE CO.

BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
GENERAL MOTORS CORP.
PATTERSON, ELLMORE C.
GULF OIL CORPORATION
MATTHEWS, BEVERLY
MORGAN, J. P., AND CO., INC.
PATTERSON, ELLMORE C.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.

CANADIAN IMPERIAL BANK OF COMMERCE

CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
METROPOLITAN LIFE INSURANCE COMPANY
ROBARTS, JOHN PARMENTER
UNITED STATES STEEL CORPORATION
SCRIVENER, ROBERT CARLTON

DOMINION FOUNDRIES AND STEEL, LTD.

UPPER LAKES SHIPPING, LTD.

LLOYD-JONES, DONALD J.

SGL INDUSTRIES, INC.

SADLER, MARION

MARINE MIDLAND BANKS, INC.

EASTMAN KODAK COMPANY
ZORNOW, GERALD B.
GENERAL PUBLIC UTILITIES CORP.
KUHN, WILLIAM G.
PAN AMERICAN WORLD AIRWAYS, INC.
LINOWITZ, SOL M.
RCA CORP.
PETTY, JOHN ROBERT

THOMPSON, PORTER E.

BECHTEL POWER CORP.

BECHTEL, INC.

WASSERMAN, LEW R.

MCA, INC.

BANKAMERICA CORPORATION
LUNDBORG, LOUIS B.
FIRST CHICAGO CORPORATION
DRICK, JOHN E.
SAFEWAY STORES, INC.
JONES, MARY GARDINER
TRANS WORLD AIRLINES, INC.
THORTON, CHARLES B.
WESTERN BANCORPORATION
THORTON, CHARLES B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN BROADCASTING COMPANIES

ADAM, RAY C.

CITIES SERVICE CO.

NL INDUSTRIES, INC.

CHAPMAN, ALGER B.

ADAMS EXPRESS CO.

SHEARSON HAYDEN STONE INC.
SQUIBB CORP.

CLARK, MAMIE PHIPPS

COLEMAN, JOHN A.

ADLER, COLEMAN, AND CO.

COOK, DONALD C.

GENERAL DYNAMICS CORP.

LAZARD FRERES & CO.

LINCOLN NATIONAL CORP.

GOLDENSON, LEONARD H.

ALLIED STORES CORP.

HAUSMAN, JACK

BELDING HEMINWAY CO. INC.

HESS, LEON

AMERADA HESS CORP.

ATREO MANUFACTURING CO., INC.

MONMOUTH PARK JOCKEY CLUB

RETRIEVAL CONTROL SYSTEMS, INC.

JENKINS, GEORGE P.

BETHLEHEM STEEL CORPORATION

BLOOMFIELD SAVINGS BANK

CITIBANK, N. A.

CITICORP

CHASE MANHATTAN CORP.

LILLEY, ROBERT D.

CONTINENTAL CORPORATION, THE

LILLEY, ROBERT D.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

SANFORD, TERRY

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

SELLERS, ROBERT

MANUFACTURERS HANOVER CORPORATION

MCGILLICUDDY, JOHN F.

WESTINGHOUSE ELECTRIC CORPORATION

MCGILLICUDDY, JOHN F.

CHEMICAL NEW YORK CORPORATION

MARUSI, AUGUSTINE R.

AMERICAN EXPRESS COMPANY

FURLAUD, RICHARD M.

CHASE MANHATTAN CORP.

FURLAUD, RICHARD M.

PANKAMERICA CORPORATION

LEWIS, DAVID SLOAN, JR.

CONTINENTAL ILLINOIS CORPORATION

RENEKER, ROBERT W.

TRANS WORLD AIRLINES, INC.

CROWN, LESTER

AMERICAN ELECTRIC POWER COMPANY, INC.

MENGE, WALTER O.

GOODYEAR TIRE AND RUBBER COMPANY

PLATT, ROBERT HOLMES

FRESGE, S. S., COMPANY

MCCRACKEN, PAUL W.

CBS, INC.

THOMAS, FRANKLIN A.

CHASE MANHATTAN CORP.

ROEDER, GEORGE A., JR.

CITICORP

THOMAS, FRANKLIN A.

MANUFACTURERS HANOVER CORPORATION

MACIOCE, THOMAS M.

MCPHERSON, RENE C.

NEW YORK LIFE INSURANCE COMPANY

THOMAS, FRANKLIN A.

CHEMICAL NEW YORK CORPORATION

RENCHARD, WILLIAM S.

CONSOLIDATED EDISON CO OF NEW YORK

RENCHARD, WILLIAM S.

NEW YORK LIFE INSURANCE COMPANY

RENCHARD, WILLIAM S.

PUBLIC SERVICE ELECTRIC AND GAS CO.

VAN FOSSAN, ROBERT V.

COMMONWEALTH EDISON

WRIGHT, JOSEPH S.

CONTINENTAL ILLINOIS CORPORATION

WRIGHT, JOSEPH S.

DUPONT, E. I., DE NEMOURS AND CO.

MCCOY, CHARLES B.

GENERAL MOTORS CORP.

PATTERSON, ELLMORE C.

MORGAN, J. P., AND CO., INC.

FOY, LEWIS W.

PATTERSON, ELLMORE C.

SANTA FE INDUSTRIES, INC.

PATTERSON, ELLMORE C.

STANDARD OIL COMPANY OF INDIANA

WRIGHT, JOSEPH S.

INTERNATIONAL BUSINESS MACHINES CORP.

WILLIAMS, ALBERT L.

MOBIL CORPORATION

WILLIAMS, ALBERT L.

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DEBUTTS, JOHN D.

CBS, INC.

THOMAS, FRANKLIN A.

DUPONT, E. I., DE NEMOURS AND CO.

SHAPIRO, IRVING S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN BROADCASTING COMPANIES

EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOUFAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
GRACE, W. R., AND CO.
CITICORP
GRACE, J. PETER
MILLIKEN, ROGER
COMMONWEALTH EDISON
PRINCE, WILLIAM WOOD
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
PRINCE, WILLIAM WOOD
FIRST NATIONAL BOSTON CORP.
FOSTER, RAYMOND C.
MARINE MIDLAND BANKS, INC.
LARKIN, FELIX E.
OWENS, CORNELIUS W.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
METROPOLITAN LIFE INSURANCE COMPANY
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CHAPTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN BROADCASTING COMPANIES

NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

ST. REGIS PAPER CO.
MACIOCE, THOMAS M.
ALLIED STORES CORP.

CBS, INC.
THOMAS, FRANKLIN A.
CHASE MANHATTAN CORP.
ROEDER, GEORGE A., JR.
CITICORP
THOMAS, FRANKLIN A.
MANUFACTURERS HANOVER CORPORATION
MCPHERSON, PENE C.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.

EQUITABLE LIFE MORTGAGE & REALTY INVESTORS
MANUFACTURERS HANOVER CORPORATION
MCPHERSON, RENE C.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.

HERCULES INC.
MARINE MIDLAND BANKS, INC.
PETTY, JOHN ROBERT
RCA CORP.

MANUFACTURERS HANOVER CORPORATION
AMEPACAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEAFS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.

MANUFACTURERS HANOVER TRUST CO.
MALLARDI, MICHAEL P.
PIERCE, FREDERICK S.
BUFFALO FORGE COMPANY

MARINE MIDLAND BANKS, INC.
DUFFY, EDWARD W.

RULE, ELTON H.
SCHWAB, MARTIN J.

UNITED MERCHANTS & MANUFACTURERS INC.
CROCKER NATIONAL CORPORATION
WILCOX, THOMAS R.

SIEGEL, SIMON B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIPECTOR
FOR AMERICAN ELECTRIC POWER COMPANY, INC.

AMOS, JOHN E.
VULCAN MATERIALS CO.
BIEN, FRANK N.
BOESCHENSTEIN, WILLIAM W.
FMC FINANCE CORP.

HANNA MINING CO.

KROGER COMPANY, THE

OWENS-CORNING FIBERGLASS CORP.

COHN, HERBERT B.
APPALACHIAN POWER CO.
DICKE, RICHARD M.
DISBROW, RICHARD E.
FOLSOM, RICHARD G.
BENDIX CORP.

LITTLE, ARTHUR D., INC.

GAVIN, JAMES M.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

CHARTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
FIRST CHICAGO CORPORATION
NEVIN, JOHN J.
MARINE MIDLAND BANKS, INC.
HUBNER, ROBERT W.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
GULF OIL CORPORATION
PEARSON, NATHAN W.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
MOORE, WILLIAM H.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MELLON NATIONAL CORPORATION
PEARSON, NATHAN W.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
NATIONAL DETROIT CORPORATION
STINSON, GEORGE A.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.
EASTERN AIRLINES, INC.
SMITH, EDWARD D.
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
NORSTAD, LAURIS
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
MISSOURI PACIFIC CORPORATION
KEMPER, JAMES M., JR.
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
TEXACO, INC.
ROOSA, ROBERT V.
UAL, INC.
NORSTAD, LAURIS
CHASE MANHATTAN CORP.
EKLUND, C. G.
CHEMICAL NEW YORK CORPORATION
VILA, GEORGE R.
CONSUMERS POWER COMPANY
MOTT, C. S. HARDING
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
EQUITABLE LIFE ASSURANCE
AGEE, WILLIAM M.
EKLUND, C. G.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
FRESGE, S. S., COMPANY
CUNNINGHAM, HARRY B.
PURCELL, ROBERT W.
NATIONAL DETROIT CORPORATION
CUNNINGHAM, HARRY B.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.
CHARTER NEW YORK CORP.
SILLIN, LELAN F., JR.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
WILLIAMS, BEN AMES, JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BLEICKEN, GERHARD D.
GAVIN, JAMES M.
NORTHEAST UTILITIES
SILLIN, LELAN F., JR.
PACIFIC GAS AND ELECTRIC COMPANY
HAIT, JAMES M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HANIFY, EDWARD B.
DUPONT, E. I., DE NEMOURS AND CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN ELECTRIC POWER COMPANY, INC.

JOHNSON, H. W.
FEDERATED DEPARTMENT STORES, INC.
FIGGINS, W. P.
JOHNSON, H. W.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
GIFFORD, NELSON S.
HILL, RICHARD DEVEREUX
MERCER, WILLIAM C.
MOCKLER, COLMAN M., JR.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
CHAPTER NEW YORK CORP.
SILLIN, LELAN F., JR.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
WILLIAMS, BEN AMES, JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BLEICKEN, GERHARD D.
NORTHEAST UTILITIES
SILLIN, LELAN F., JR.
PACIFIC GAS AND ELECTRIC COMPANY
HAIT, JAMES M.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
MCELWEE, J. G.
NEW ENGLAND MERCHANTS BANK
MARKLEY, HERBET E.
FIRESTONE TIRE & RUBBER CO.
TIMKEN CO.
MENGE, WALTER O.
LINCOLN NATIONAL CORP.
LINCOLN NATIONAL LIFE INSURANCE CO.
PATTERSON, GEORGE V.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
FIRST CHICAGO CORPORATION
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
PAN AMERICAN WORLD AIRWAYS, INC.
KENDALL, DONALD M.
RCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
BOOK DIGEST, INC.
CBS, INC.
CITICORP
THOMAS, FRANKLIN A.
EASTERN AIRLINES, INC.
GILPATRIC, ROSWELL L.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PAN AMERICAN WORLD AIRWAYS, INC.
TREE, MARIETTA
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
LOVETT, ROBERT A.
INTERPUBLIC GROUP OF COMPANIES, INC.
NEW PERSPECTIVE FUND, INC.
NEW YORK LIFE INSURANCE COMPANY
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN ELECTRIC POWER COMPANY, INC.

MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

OBSERVER, THE, LTD.

PAN AMERICAN WORLD AIRWAYS, INC.

ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
CBS, INC.
TREE, MARIETTA
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.

TILLINGHAST, JOHN

WHITE, W. S., JR.

ZWIENER, KENNETH V.

AMERICAN HOSPITAL SUPPLY CORP. GENERAL ELECTRIC COMPANY

CATHCART, SILAS S.
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.
MORGAN, GRAHAM J.

MOBIL CORPORATION

VAN DER EB, HENRY G.

KEILLOGG CO.

CONSUMERS POWER COMPANY

AYMOND, A. H.

ROLL, LYLE C.

KRESGE, S. S., COMPANY

AYMOND, A. H.

NATIONAL DETROIT CORPORATION

AYMOND, A. H.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

AYMOND, A. H.

PHILLIPS PETROLEUM COMPANY

WHARTON, DOLORES D.

SANTA FE INDUSTRIES, INC.

BETHLEHEM STEEL CORPORATION

PATTERSON, ELLMORE C.

FIRST CHICAGO CORPORATION

WOELFLE, ARTHUR W.

GENERAL MOTORS CORP.

PATTERSON, ELLMORE C.

INTERNATIONAL HARVESTER COMPANY

RATTALIATA, JOHN T.

MORGAN, J. P., AND CO., INC.

PATTERSON, ELLMORE C.

UNION OIL COMPANY OF CALIFORNIA

HALE, PRENTIS C.

WESTERN ELECTRIC CO., INC.

LAWRENCE, JOHN L.

RATTALIATA, JOHN T.

UNION TANK CAR CO.

EASTMAN KODAK COMPANY

WALLIS, W. ALLEN

METROPOLITAN LIFE INSURANCE COMPANY

WALLIS, W. ALLEN

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

AMMIDON, HOYT

BULLOCK FUND LTD.

CARRIERS & GENERAL CORP.

GATX CORP.

GREAT NORTHERN NEKOOSA CORP.

GREENWICH SAVINGS BANK

HOWARD JOHNSON CO.

PERKIN-ELMER CORP.

UNITED STATES TRUST COMPANY

INTERNATIONAL HARVESTER COMPANY

THOMPSON, THOMAS M.

WESTINGHOUSE ELECTRIC CORPORATION

BERCHER, HARRY O.

CONSOLIDATED EDISON CO OF NEW YORK

PAINE, PETER S.

CONTINENTAL CORPORATION, THE

PAINE, PETER S.

FIRST NATIONAL BOSTON CORP.

MILLER, E. SPENCER

MARINE MIDLAND BANKS, INC.

OWEN, NATHAN R.

UNION PACIFIC CORPORATION

MILLIKEN, MINOT K.

INTERNATIONAL BUSINESS MACHINES CORP.

KIRK, GRAYSON

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

JOHNSON, BELTON K.

CHRYSLER CORPORATION

KILLEFER, TOM

CONNECTICUT GENERAL LIFE INSURANCE COMPANY

ETHERINGTON, EDWIN D.

CONTINENTAL OIL COMPANY

BUEK, C. W.

JONES, GILBERT E.

DUPONT, E. I., DE NEMOURS AND CO.

JONES, GILBERT E.

EQUITABLE LIFE ASSURANCE

BUEK, C. W.

INTERNATIONAL BUSINESS MACHINES CORP.

JONES, GILBERT E.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

HAMILTON, FREDERIC C.

MOBIL CORPORATION

CLARK, HOWARD L.

PENNEY, J. C., CO., INC.

MACBAIN, GAVIN KEITH

BLISS, RICHARD M.

AMER. EXPRESS INT. BANKING CORP.

BANCOM GROUP INC.

BOHM, MAGNUS R.

GENERAL FOODS CORP.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

BANKERS TRUST NEW YORK CORP

TAVOULAREAS, WILLIAM P.

CATERPILLAR TRACTOR COMPANY

MARTIN, WILLIAM MCCHESENEY, JR.

CHASE MANHATTAN CORP.

FERGUSON, JAMES L.

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

CHRYSLER CORPORATION

HOLLAND, JEROME HEARTWELL

CONNECTICUT GENERAL LIFE INSURANCE COMPANY

ROBERTS, HENRY R.

CONTINENTAL CORPORATION, THE

HOLLAND, JEROME HEARTWELL

CONTINENTAL OIL COMPANY

MCCARDELL, ARCHIE R.

FEDERATED DEPARTMENT STORES, INC.

HOLLAND, JEROME HEARTWELL

PETERSON, PETER G.

INTERNATIONAL BUSINESS MACHINES CORP.

MARTIN, WILLIAM MCCHESENEY, JR.

MANUFACTURERS HANOVER CORPORATION

HOLLAND, JEROME HEARTWELL

MOBIL CORPORATION

CLARK, HOWARD L.

TAVOULAREAS, WILLIAM P.

SHELL OIL COMPANY

COOK, C. W.

UNION CARBIDE CORPORATION

FERGUSON, JAMES L.

HOLLAND, JEROME HEARTWELL

UNITED STATES STEEL CORPORATION

MARTIN, WILLIAM MCCHESENEY, JR.

CLARK, HOWARD L.

CLUETT PEABODY AND CO., INC.

BANKERS TRUST NEW YORK CORP

GELB, RICHARD L.

EASTERN AIRLINES, INC.

HALL, FLOYD D.

FEDERATED DEPARTMENT STORES, INC.

SHORE, T. SPENCER

GENERAL ELECTRIC COMPANY

HENLEY, HENRY H., JR.

MANUFACTURERS HANOVER CORPORATION

HENLEY, HENRY H., JR.

FEDERATED DEPARTMENT STORES, INC.

PETERSON, PETER G.

FIREMAN'S FUND INSURANCE CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

	PACIFIC GAS AND ELECTRIC COMPANY
	EAMES, ALFRED W.
	GEFDES, ROBERT H.
	UNION PACIFIC CORPORATION
	ROBINSON, JAMES D., III
GENERAL FOODS CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	BANKERS TRUST NEW YORK CORP
	TAVOULAREAS, WILLIAM P.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CHASE MANHATTAN CORP.
	FERGUSON, JAMES L.
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ROBERTS, HENRY R.
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	CONTINENTAL OIL COMPANY
	MCCARDELL, ARCHIE R.
	FEDEPATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	PETERSON, PETER G.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	MOBIL CORPORATION
	TAVOULAREAS, WILLIAM P.
	SHELL OIL COMPANY
	COOK, C. W.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
	HOLLAND, JEROME HEARTWELL
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	TAVOULAREAS, WILLIAM P.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CITICORP
	SHELDON, ELEANOR H. B.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WILLIAMS, ALBERT L.
STONE & WEBSTER, INC.	CITICORP
	GRACE, J. PETER
	FIRST NATIONAL BOSTON CORP.
	FOSTER, RAYMOND C.
UNITED STATES TRUST COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	JOHNSON, BELTON K.
	CHRYSLER CORPORATION
	KILLEFER, TOM
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	CONTINENTAL OIL COMPANY
	BUEK, C. W.
	JONES, GILBERT E.
	DUPONT, E. I., DE NEMOURS AND CO.
	JONES, GILBERT E.
	EQUITABLE LIFE ASSURANCE
	BUEK, C. W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	JONES, GILBERT E.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	HAMILTON, FREDERIC C.
	PENNEY, J. C., CO., INC.
	MACBAIN, GAVIN KEITH
XEROX CORP.	BANKERS TRUST NEW YORK CORP
	JORDAN, VERNON E., JR.
	CITICORP
	MCCOLOUGH, C. PETER
	CONTINENTAL OIL COMPANY
	MCCARDELL, ARCHIE R.
	PENNEY, J. C., CO., INC.
	JORDAN, VERNON E., JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	BECK, R. A.
COWAN, ROBERT G.	
MIDLANTIC NATIONAL CORP.	
DUBAIN, MYRON	
CRUSADER INSURANCE CO.	
PIPEMAN'S FUND INSURANCE CO.	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	MOBIL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

	CLARK, HOWARD L.
	PACIFIC GAS AND ELECTRIC COMPANY
	EAMES, ALFRED W.
	GERDES, ROBERT H.
	UNION PACIFIC CORPORATION
	ROBINSON, JAMES D., III
INTERCONTINENTAL REINSURANCE, LTD.	
UNITED CALIFORNIA BANK	SOUTHERN CALIFORNIA EDISON COMPANY
	BARKER, NORMAN, JR.
	SOUTHERN PACIFIC COMPANY
	MORPHY, MICHAEL A.
	STANDARD OIL COMPANY OF CALIFORNIA
	KELLER, GEORGE M.
	TRANSAMERICA CORPORATION
	SHUMWAY, FORREST NELSON
	WESTERN BANCORPORATION
	BARKER, NORMAN, JR.
	KELLER, GEORGE M.
ETHERINGTON, EDWIN D.	
AMERICAN CAN COMPANY	BANKERS TRUST NEW YORK CORP
	MAY, WILLIAM F.
	MOORE, WILLIAM H.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MAPTHA REDFIELD
	FEDERATED DEPARTMENT STORES, INC.
	LACHMAN, LAWRENCE
	INTERNATIONAL BUSINESS MACHINES CORP.
	MOORE, WILLIAM H.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BROOKFIELD, DUTTON
	SEARS, ROEBUCK AND CO.
	TELLING, EDWARD R.
AMERICAN EXPRESS INTERNATIONAL BANKING CORP.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
AMERICAN STOCK EXCHANGE	
AUTOMATIC DATA PROCESSING, INC.	LOEWS CORPORATION
	TISCH, LAURENCE A.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	
MORTON CO.	
SOUTHERN NEW ENGLAND TELEPHONE CO.	AETNA LIFE AND CASUALTY COMPANY
	KOOPMAN, RICHARD
	MILLER, JOHN PERRY
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ROBERTS, HENRY R.
UNITED STATES TRUST COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	JOHNSON, BELTON K.
	CHRYSLER CORPORATION
	KILLEFER, TOM
	CONTINENTAL OIL COMPANY
	BUEK, C. W.
	JONES, GILBERT E.
	DUPONT, E. I., DE NEMOURS AND CO.
	JONES, GILBERT E.
	EQUITABLE LIFE ASSURANCE
	BUEK, C. W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	JONES, GILBERT E.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	HAMILTON, FREDERIC C.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	PENNEY, J. C., CO., INC.
	MACBAIN, GAVIN KEITH
FURLAUD, RICHARD M.	
CHASE MANHATTAN CORP.	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONTINENTAL CORPORATION, THE
	BARBER, CHARLES F.
	LILLEY, ROBERT D.
	EQUITABLE LIFE ASSURANCE
	EKLUND, C. G.
	EXXON CORPORATION
	KAUFFMAN, HOWARD C.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GENERAL ELECTRIC COMPANY
	LAZARUS, RALPH
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	INTERNATIONAL BUSINESS MACHINES CORP.
	HARRIS, PATRICIA R.
	METROPOLITAN LIFE INSURANCE COMPANY
	SHINN, RICHARD R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

NORTHWEST AIRLINES, INC.
 BINGER, JAMES H.
 SEARS, ROEBUCK AND CO.
 PACE, NORMA T.
 STANDARD OIL COMPANY OF INDIANA
 SWEARINGEN, JOHN E.
 UNION CARBIDE CORPORATION
 FERGUSON, JAMES L.
 UNITED STATES STEEL CORPORATION
 MYERS, CHARLES F., JR.

MUTUAL BENEFIT LIFE INSURANCE CO.
 CHASE MANHATTAN CORP.
 LILLEY, ROBERT D.
 CONTINENTAL CORPORATION, THE
 LILLEY, ROBERT D.
 PUBLIC SERVICE ELECTRIC AND GAS CO.
 VAN FOSSAN, ROBERT V.

OLIN CORP.
 SQUIBB CORP.

HENLEY, HENRY H., JR.
 BRISTOL-MYERS CO.

AMERICAN BROADCASTING COMPANIES
 CHAPMAN, ALGER B.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ELLINGHAUS, WILLIAM M.
 BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 GELB, RICHARD L.
 CHEMICAL NEW YORK CORPORATION
 WALLACE, MARTHA REDFIELD
 PENNEY, J. C., CO., INC.
 ELLINGHAUS, WILLIAM M.
 UNION PACIFIC CORPORATION
 EVANS, JAMES H.
 ROBINSON, JAMES D., III
 BANKERS TRUST NEW YORK CORP
 GELB, RICHARD L.
 EASTERN AIRLINES, INC.
 HALL, FLOYD D.
 FEDERATED DEPARTMENT STORES, INC.
 SHORE, T. SPENCER
 MOBIL CORPORATION
 CLARK, HOWARD L.
 CHASE MANHATTAN CORP.
 LAZARUS, RALPH
 CHEMICAL NEW YORK CORPORATION
 HILLMAN, HENRY L.
 CITICORP
 WRISTON, WALTER B.
 FEDERATED DEPARTMENT STORES, INC.
 LAZARUS, RALPH
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 DANCE, WALKER D.
 MORGAN, J. P., AND CO., INC.
 AUSTIN, J. PAUL
 DICKEY, CHARLES D., JR.
 PRESTON, LEWIS T.
 PENNEY, J. C., CO., INC.
 WRISTON, WALTER B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 PIERCE, SAMUEL RILEY, JR.
 SAFEWAY STORES, INC.
 BOSWELL, JAMES G., II
 SECURITY PACIFIC CORP.
 BOSWELL, JAMES G., II
 SOUTHERN PACIFIC COMPANY
 LITTLEFIELD, EDMUND W.
 WELLS FARGO AND COMPANY
 LITTLEFIELD, EDMUND W.
 CHEMICAL NEW YORK CORPORATION
 LEBLOND, RICHARD K., II
 GENERAL PUBLIC UTILITIES CORP.
 KUHN, WILLIAM G.
 MARINE MIDLAND BANKS, INC.
 KUHN, WILLIAM G.

CLUETT PEABODY AND CO., INC.

GENERAL ELECTRIC COMPANY

HOME LIFE INSURANCE CO.

MANUFACTURERS HANOVER CORPORATION
 AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.
 AMERICAN BROADCASTING COMPANIES
 MACIOCE, THOMAS M.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEROME HEARTWELL
 LINDHOLM, WILLIAM L.
 CHRYSLER CORPORATION
 HAUGE, GABRIEL
 HOLLAND, JEROME HEARTWELL
 CONSOLIDATED EDISON CO OF NEW YORK
 BEINECKE, WILLIAM S.
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEROME HEARTWELL
 RICKER, JOHN B., JR.
 WILSON, F. PERRY
 ZIPP, GEORGE G.
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 GOODYEAR TIRE AND RUBBER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

LOEBBECKE, ERNEST J.
 FIREMAN'S FUND INSURANCE CO.
 KNUDSEN CORP.
 TI CORP. OF CALIFORNIA
 TRANSMIX CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 CATERPILLAR TRACTOR COMPANY
 DOW JONES AND CO., INC.
 ELI LILLY & CO.
 FREEPORT MINERALS CO.
 GENERAL FOODS CORP.
 PILLIOD, CHARLES JULE, JR.
 NEW YORK LIFE INSURANCE COMPANY
 FINLEY, JAMES D.
 HAUGE, GABRIEL
 MITCHELL, DAVID W.
 SEARS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 SOUTHERN PACIFIC COMPANY
 MUNROE, GEORGE B.
 UNION CARBIDE CORPORATION
 HOLLAND, JEROME HEARTWELL
 WILSON, P. PERRY
 UNITED STATES STEEL CORPORATION
 BEERS, WILLIAM O.
 WESTINGHOUSE ELECTRIC CORPORATION
 MCGILLICUDDY, JOHN F.
 WHITMAN, MARINA V. N.
 FEDERATED DEPARTMENT STORES, INC.
 PETERSON, PETER G.
 MOBIL CORPORATION
 CLARK, HOWARD L.
 PACIFIC GAS AND ELECTRIC COMPANY
 FAMES, ALFRED W.
 GERDES, ROBERT H.
 UNION PACIFIC CORPORATION
 ROBINSON, JAMES D., III
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 WARNER, RAWLEIGH, JR.
 ATLANTIC RICHFIELD COMPANY
 INGERSOLL, ROBERT S.
 CHEMICAL NEW YORK CORPORATION
 WARNER, RAWLEIGH, JR.
 EXXON CORPORATION
 FRANKLIN, WILLIAM H.
 FIRST CHICAGO CORPORATION
 INGERSOLL, ROBERT S.
 MORGAN, LEE L.
 MOBIL CORPORATION
 WARNER, RAWLEIGH, JR.
 SHELL OIL COMPANY
 BLACKIE, WILLIAM
 STANDARD OIL COMPANY OF CALIFORNIA
 PACFARD, DAVID
 TRANS WORLD AIRLINES, INC.
 PACKARD, DAVID
 UNITED STATES STEEL CORPORATION
 SCRIVENER, ROBERT CARLTON
 GENERAL ELECTRIC COMPANY
 AUSTIN, J. PAUL
 MOBIL CORPORATION
 RIOPDAN, JAMES QUENTIN
 MORGAN, J. P., AND CO., INC.
 AUSTIN, J. PAUL
 SEARS, ROEBUCK AND CO.
 MEYER, CHARLES A.
 CHEMICAL NEW YORK CORPORATION
 WOOD, RICHARD D.
 INTERNATIONAL BUSINESS MACHINES CORP.
 WILLIAMS, ALBERT L.
 MOBIL CORPORATION
 WILLIAMS, ALBERT L.
 STANDARD OIL COMPANY OF INDIANA
 WOOD, RICHARD D.
 CHEMICAL NEW YORK CORPORATION
 BERKELEY, NORBORNE, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEROME HEARTWELL
 BANKERS TRUST NEW YORK CORP
 TAVOULAREAS, WILLIAM P.
 CHASE MANHATTAN CORP.
 FERGUSON, JAMES L.
 CHEMICAL NEW YORK CORPORATION
 NEWMAN, JAMES WILSON
 CHRYSLER CORPORATION
 HOLLAND, JEROME HEARTWELL
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ROBERTS, HENRY R.
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEROME HEARTWELL
 CONTINENTAL OIL COMPANY
 MCCARDELL, ARCHIE R.
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 PETERSON, PETER G.
 MANUFACTURERS HANOVER CORPORATION
 HOLLAND, JEROME HEARTWELL
 MOBIL CORPORATION
 CLARK, HOWARD L.
 TAVOULAREAS, WILLIAM P.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
HOLLAND, JEROME HEARTWELL

INTERNATIONAL BUSINESS MACHINES CORP.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT

CITICORP
BOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.

ROYAL DUTCH PETROLEUM CO. SHELL OIL COMPANY
DE BRUYNE, D.
SPAGHT, MONROE E.

SCANDINAVIAN SECURITIES CORP. CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.

UNITED STATES STEEL CORPORATION
AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.

CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

MCCARDELL, ARCHIE R.
CONTINENTAL OIL COMPANY
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
BANKERS TRUST NEW YORK CORP
BLAUVELT, HOWARD W.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

	EQUITABLE LIFE ASSURANCE
	BUER, C. W.
	GENERAL TELEPHONE AND ELECTRONICS CORP.
	BLAUVELT, HOWARD W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	JONES, GILBERT E.
	UAL, INC.
	NORSTAD, LAURIS
FUJI XEROX CO., LTD.	
GENERAL FOODS CORP.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	BANKERS TRUST NEW YORK CORP
	TAVOULAREAS, WILLIAM P.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CHASE MANHATTAN CORP.
	FERGUSON, JAMES L.
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ROBERTS, HENRY R.
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	PETERSON, PETER G.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	MOBIL CORPORATION
	CLARK, HOWARD L.
	TAVOULAREAS, WILLIAM P.
	SHELL OIL COMPANY
	COOK, C. W.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
	HOLLAND, JEROME HEARTWELL
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
RANK XEROX, LTD.	CITICORP
	MCCOLOUGH, C. PETER
XEROX CORP.	BANKERS TRUST NEW YORK CORP
	JORDAN, VERNON E., JR.
	CITICORP
	MCCOLOUGH, C. PETER
	MOBIL CORPORATION
	CLARK, HOWARD L.
	PENNEY, J. C., CO., INC.
	JORDAN, VERNON E., JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	BECK, R. A.
MORLEY, ROGER HUBERT	
	AMER. EXPRESS INT. BANKING CORP.
	MCGRAW-HILL
OWEN, RALPH	
	HOLIDAY INNS, INC.
MURPHY OIL CORP.	
	FEDERATED DEPARTMENT STORES, INC.
	LANDSMAN, HERBERT H.
	WELLS FARGO AND COMPANY
	ISHIYAMA, GEORGE S.
NASHVILLE GAS CO.	
OWENS, F. C., CO.	
TENNESSEE NATURAL GAS LINES INC.	
	CONSOLIDATED FREIGHTWAYS, INC.
	ALPERT, ROBERT
RAMINSKY, LOUIS	
	ALCAN ALUMINUM, LTD.
	BANK OF CANADA
	BELL CANADA
	CATERPILLAR TRACTOR COMPANY
	SCRIVENER, ROBERT CARLTON
	CHRYSLER CORPORATION
	DEGFANDPRE, A. JEAN
	METROPOLITAN LIFE INSURANCE COMPANY
	ROBERTS, JOHN PARMENTER
	UNITED STATES STEEL CORPORATION
	SCRIVENER, ROBERT CARLTON
BOISE CASCADE CORP.	CROCKER NATIONAL CORPORATION
	MORTON, WILLIAM H.
	NORTHWEST BANCORPORATION
	PILLSBURY, JOHN S., JR.
CANADA TRUST, HURON & ERIE MORTGAGE CORP	
INT. DEV. RESEARCH CENTER	
SHELL CANADA	
ROBINSON, JAMES D., III	
BRISTOL-MYERS CO.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	ELLINGHAUS, WILLIAM M.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	GELB, RICHARD L.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	GENERAL ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

	HENLEY, HENRY H., JR. MANUFACTURERS HANOVER CORPORATION HENLEY, HENRY H., JR. PENNEY, J. C., CO., INC. ELLINGHAUS, WILLIAM M. UNION PACIFIC CORPORATION EVANS, JAMES H.
COCA-COLA CO.	GENERAL ELECTRIC COMPANY AUSTIN, J. PAUL MORGAN, J. P., AND CO., INC. AUSTIN, J. PAUL
FIREMAN'S FUND INSURANCE CO.	FEDERATED DEPARTMENT STORES, INC. PETERSON, PETER G. MOBIL CORPORATION CLARK, HOWARD L.
	PACIFIC GAS AND ELECTRIC COMPANY EAMES, ALFRED W. GERDES, ROBERT H.
TRUST COMPANY OF GEORGIA	DELTA AIR LINES CORPORATION DOLSON, CHARLES H. GARRETT, DAVID C., JR. GENERAL ELECTRIC COMPANY AUSTIN, J. PAUL
	MORGAN, J. P., AND CO., INC. AUSTIN, J. PAUL TRAVELERS INSURANCE COMPANY GARRETT, DAVID C., JR.
UNION PACIFIC CORPORATION	CBS, INC. BROWN, COURTNEY C. LOVETT, ROBERT A. CHARTER NEW YORK CORP. MITCHELL, HAMILTON B.
	CITICORP BARNETT, FRANK E. PALMER, EDWARD LEWIS SECURITY PACIFIC CORP. LAWLER, OSCAR T.
	WESTERN BANCORPORATION ROTH, ROBERT W. WESTERN ELECTRIC CO., INC. KENEFFICK, JOHN C.
WEST POINT-PEPPERELL, INC.	ATLANTIC RICHFIELD COMPANY WILSON, KENDRICK R., JR. GENERAL ELECTRIC COMPANY LAWRENCE, JOHN E.
	SEABOARD COAST LINE INDUSTRIES, INC. WOLBACH, WILLIAM W.
ROOSA, ROBERT V. ANACONDA CO.	ATLANTIC RICHFIELD COMPANY DOWNER, JOSEPH P. PLACE, JOHN B. M. CHEMICAL NEW YORK CORPORATION PLACE, JOHN B. M.
	METROPOLITAN LIFE INSURANCE COMPANY PLACE, JOHN B. M.
BROWN BROS. HARRIMAN & CO.	CBS, INC. LOVETT, ROBERT A. SOUTHERN RAILWAY COMPANY IRELAND, R. L.
	UNION PACIFIC CORPORATION LOVETT, ROBERT A.
BROWN HARRIMAN & INTERNATIONAL BANK, LTD.	
OWENS-CORNING FIBERGLASS CORP.	AMERICAN ELECTRIC POWER COMPANY, INC. BOESCHENSTEIN, WILLIAM W.
	CONTINENTAL OIL COMPANY ANDERSON, CHARLES A. NORSTAD, LAURIS
	GENERAL MOTORS CORP. MORGENS, HOWARD J.
	KROGER COMPANY, THE BOESCHENSTEIN, WILLIAM W.
	MISSOURI PACIFIC CORPORATION KEMPER, JAMES M., JR.
	MORGAN, J. P., AND CO., INC. MORGENS, HOWARD J.
	PROCTER AND GAMBLE COMPANY MORGENS, HOWARD J.
	UAL, INC. NORSTAD, LAURIS
ROCKEFELLER FOUNDATION	EQUITABLE LIFE ASSURANCE WHARTON, CLIFTON R.
	FORD MOTOR CO. WHARTON, CLIFTON R.
TEXACO, INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY MCGILL, WILLIAM J. (DR.)
STONE, WHITNEY STONE & WEBSTER, INC.	CITICORP GRACE, J. PETER FIRST NATIONAL BOSTON CORP. FOSTER, RAYMOND C.
	MOBIL CORPORATION CLARK, HOWARD L.
WALLACE, MARTHA REDFIELD AMERICAN CAN COMPANY	BANKERS TRUST NEW YORK CORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

MAY, WILLIAM F.
 MOORE, WILLIAM H.
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ETHERINGTON, EDWIN D.
 FEDERATED DEPARTMENT STORES, INC.
 LACHMAN, LAWRENCE
 INTERNATIONAL BUSINESS MACHINES CORP.
 MOOPE, WILLIAM H.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 BROOKFIELD, DUTTON
 SEARS, ROEBUCK AND CO.
 TELLING, EDWARD R.
 CHEMICAL NEW YORK CORPORATION
 PIVIROTT, RICHARD R.
 METROPOLITAN LIFE INSURANCE COMPANY
 WEAVER, ROBERT C.
 NEW YORK LIFE INSURANCE COMPANY
 PIVIROTT, RICHARD R.
 WESTINGHOUSE ELECTRIC CORPORATION
 PIVIROTT, RICHARD R.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ELLINGHAUS, WILLIAM M.
 BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 GELB, RICHARD L.
 GENERAL ELECTRIC COMPANY
 HENLEY, HENRY H., JR.
 MANUFACTURERS HANOVER CORPORATION
 HENLEY, HENRY H., JR.
 PENNEY, J. C., CO., INC.
 ELLINGHAUS, WILLIAM M.
 UNION PACIFIC CORPORATION
 EVANS, JAMES H.
 ROBINSON, JAMES D., III
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BROWN, CHARLES L.
 WARNER, RAWLEIGH, JR.
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 CATERPILLAR TRACTOR COMPANY
 WARNER, RAWLEIGH, JR.
 CONSOLIDATED EDISON CO OF NEW YORK
 RENCHARD, WILLIAM S.
 WILLIAMS, FRANKLIN H.
 DUPONT, E. I., DE NEMOURS AND CO.
 BROWN, CHARLES L.
 EXXON CORPORATION
 PIERCY, GEORGE T.
 GENERAL ELECTRIC COMPANY
 HILLMAN, HENRY L.
 INTERNATIONAL BUSINESS MACHINES CORP.
 FUNSTON, G. KEITH
 LEARSON, T. VINCENT
 METROPOLITAN LIFE INSURANCE COMPANY
 FUNSTON, G. KEITH
 PLACE, JOHN B. M.
 MOBIL CORPORATION
 WAPNER, RAWLEIGH, JR.
 NEW YORK LIFE INSURANCE COMPANY
 PIVIROTT, RICHARD R.
 RENCHARD, WILLIAM S.
 SEABOARD COAST LINE INDUSTRIES, INC.
 RICE, WILLIAM THOMAS
 SEARS, ROEBUCK AND CO.
 BUTTON, JAMES W.
 STANDARD OIL COMPANY OF INDIANA
 WOOD, RICHARD D.
 UNITED STATES STEEL CORPORATION
 WALKER, WILBERT A.
 WESTINGHOUSE ELECTRIC CORPORATION
 PIVIROTT, RICHARD R.
 LUCE, HENRY, FOUNDATION, INC.
 NEW YORK TELEPHONE COMPANY
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 LINDHOLM, WILLIAM L.
 CBS, INC.
 THOMAS, FRANKLIN A.
 CHRYSLER CORPORATION
 HAUGE, GABRIEL
 CITICORP
 HOUGHTON, AMORY, JR.
 THOMAS, FRANKLIN A.
 EASTERN AIRLINES, INC.
 HALL, FLOYD D.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 MANUFACTURERS HANOVER CORPORATION
 HAUGE, GABRIEL
 LINDHOLM, WILLIAM L.
 MARINE MIDLAND BANKS, INC.
 WENDEL, WILLIAM H.
 NEW YORK LIFE INSURANCE COMPANY
 HAUGE, GABRIEL
 THOMAS, FRANKLIN A.
 PRUDENTIAL INSURANCE CO. OF AMERICA

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

YUNICH, DAVID L.
SCUDDER DUO-VEST EXCHANGE FUND, INC.
SCUDDER DUO-VEST, INC.
WARNER, RAWLEIGH, JR.
AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BANKEPS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
EXXON CORPORATION
FRANKLIN, WILLIAM H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
MORGAN, LEE L.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
SHELL OIL COMPANY
BLACKIE, WILLIAM
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHEMICAL NEW YORK CORPORATION
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN EXPRESS COMPANY

	PLACE, JOHN B. M.
	NEW YORK LIFE INSURANCE COMPANY
	PIVIROTT, RICHARD R.
	BENCHARD, WILLIAM S.
	SEABOARD COAST LINE INDUSTRIES, INC.
	PICE, WILLIAM THOMAS
	SEARS, ROEBUCK AND CO.
	BUTTON, JAMES W.
	STANDARD OIL COMPANY OF INDIANA
	WOOD, RICHARD D.
	UNITED STATES STEEL CORPORATION
	WALKER, WILBERT A.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
MARCOR INC.	BANKERS TRUST NEW YORK CORP
	TAVOULAREAS, WILLIAM P.
	MOBIL CORPORATION
	DONNELL, EDWARD S.
	RIORDAN, JAMES QUENTIN
	TAVOULAREAS, WILLIAM P.
	TUCKER, RICHARD F.
MOBIL CORPORATION	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	TAVOULAREAS, WILLIAM P.
	CITICORP
	SHELDON, ELEANOR H. B.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WILLIAMS, ALBERT L.
TIME, INC.	ATLANTIC RICHFIELD COMPANY
	FREEMAN, GAYLORD
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	FIRST CHICAGO CORPORATION
	FREEMAN, GAYLORD
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
	WATSON, THOMAS J., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN GENERAL CAPITAL MANAGEMENT, INC.

CRUM, THOMAS EDWARD
CUNNINGHAM, JACK P.
FLETCHER, DOUGLAS B.
ANGELES CORP.
HOOK, HAROLD SWANSON
AMERICAN GENERAL INSURANCE CO. EASTERN AIRLINES, INC.
ELKINS, JAMES A.
TENNECO, INC.
FREEMAN, NELSON WRIGHT

DELTA CALIFORNIA INDUSTRIES
KERR, JAMES H.
MARSH, JOHN D.
OD, J. HARRY
REESE, JOHN GOODWIN
HOUSTON INDUSTRIES INC.
SAKOWITZ, BERNARD
HOUSTON INDUSTRIES INC.
WHITCOMB, GAIL
HOUSTON FIRST FINANCIAL GROUP
HOUSTON INDUSTRIES INC.
NATIONAL CITY LINES, INC.
SOUTHLAND FINANCIAL CORP.
WILSON, PAUL N.
WOOD, J. HARRY
GRAND UNION CO.
PYRAMID OIL CO.
WOODSON, BENJAMIN N.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
HOUSTON INDUSTRIES INC.

DEELEY, WILLIAM R.

DWYER, EDWARD J.

ARMSTRONG CORK CO.

QUAFER CHEMICAL CORP.

GRAGG, WILLIFORD

FIRST MARYLAND BANCORP.

UNITED STATES FIDELITY & GUARANTY CO.

HECKERT, RICHARD E.

DUPONT, E. I., DE NEMOURS AND CO.

DUKE POWER CO

ALBANES, NAOMI G.

MANUFACTURERS HANOVER CORPORATION

LYET, J. PAUL

PHILADELPHIA ELECTRIC COMPANY

HAMILTON, WILLIAM G., JR.

CHESSIE SYSTEM, INC.

DECKER, ALONZO G., JR.

PRICE (T. ROWE) ASSOCIATES, INC.

PEARLSTONE, JACK H., JR.

SEABOARD COAST LINE INDUSTRIES, INC.

BALDWIN, H. FURLONG

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

BROWN, CHARLES L.

BANKAMERICA CORPORATION

BRIMMER, ANDREW F.

BETHLEHEM STEEL CORPORATION

MCCOY, CHARLES B.

CHEMICAL NEW YORK CORPORATION

BROWN, CHARLES L.

CITICOPP

SHAPIRO, IRVING S.

CONTINENTAL OIL COMPANY

JONES, GILBERT E.

FEDERATED DEPARTMENT STORES, INC.

JOHNSON, H. W.

INTERNATIONAL BUSINESS MACHINES CORP.

JONES, GILBERT E.

SHAPIRO, IRVING S.

INTERNATIONAL HARVESTER COMPANY

BRIMMER, ANDREW F.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

JOHNSON, H. W.

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

UAL, INC.

BRIMMER, ANDREW F.

JONES, JAMES V.

MCGOLDRICK, PETER F.

PHILADELPHIA NATIONAL CORP.

OYLER, THOMAS T.

PARK, JOHN R.

PHILADELPHIA ELECTRIC COMPANY

PERRY, HUBERT C.

ROBINSON, JAMES K.

SCOTT, ISADORE M.

GIRARD INDUSTRIES CORP.

TOSCO CORP.

SEBRING, ORVEL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
BOEING CO.

NEW YORK STOCK EXCHANGE

PENNEY, J. C., CO., INC.

TEXAS INSTRUMENTS, INC.

BROWN, CHARLES L.

CHEMICAL NEW YORK CORPORATION

BURLINGTON NORTHERN, INC.
REED, WILLIAM G.
CITICORP

HAYNES, HAROLD J.
PIGOTT, CHARLES M.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.

CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.

ROCHE, JAMES M.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MARINE MIDLAND BANKS, INC.
OWENS, CORNELIUS W.

PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
JORDAN, VERNON E., JR.

CITICORP
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
UNION CARBIDE CORPORATION
JACKSON, JACK B.

WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
KRESGE, S. S., COMPANY
MCCRACKEN, PAUL W.
MERRILL LYNCH AND COMPANY, INC.
SMITH, BRYAN F.

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

DUPONT, E. I., DE NEMOURS AND CO.

AMERICAN STORES COMPANY
HECKERT, RICHARD E.
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
CITICORP
SHAPIRO, IRVING S.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

SHAPIRO, IRVING S.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
UAL, INC.
BRIMMER, ANDREW F.
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
FIRST CHICAGO CORPORATION
ABBOUD, ROBERT A.
GREY, JOHN D.
STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.

SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
EASTERN AIRLINES, INC.
SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
METROPOLITAN LIFE INSURANCE COMPANY
RAST, L. EDMUND

CARTER, EDWARD W.
CARTER HAWLEY HALE STORES, INC.

ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
HALE, STANTON G.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
HALE, PRENTIS C.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.

SOUTHERN CALIFORNIA EDISON COMPANY
BANKAMERICA CORPORATION
MCDANIEL, THOMAS M., JR.
SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
SMITH, H. RUSSELL
VON HAGEN, RICHARD R.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
HORTON, JACK K.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
HORTON, JACK K.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
TRANS WORLD AIRLINES, INC.
THORNTON, CHARLES B.
UNION PACIFIC CORPORATION
ROTH, ROBERT W.

WESTERN BANCORPORATION

CLEARY, CATHERINE B.
FIRST WISCONSIN CORP.

EXXON CORPORATION
PETERSON, MARTHA E.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
SMITH, E. G.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.

GENERAL MOTORS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.

KOHLER CO.
KRAFTCO CORP.

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

NORTHWESTERN MUTUAL LIFE INSURANCE CO
CONSUMERS POWER COMPANY
AYMOND, A. H.
KRESGE, S. S., COMPANY
AYMOND, A. H.
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NATIONAL DETROIT CORPORATION
AYMOND, A. H.
NORTHWEST BANCORPORATION
BEMIS, JUDSON

DAVIS, ARCHIE K.
CHATHAM MFG. CO.
JORDON SPINNING CO.
MEDIA GENERAL, INC.

REYNOLDS, R. J., INDUSTRIES, INC.

SOUTHERN RAILWAY COMPANY
BRYAN, D. TENNANT

CHASE MANHATTAN CORP.
MACOMBER, JOHN D.
MYERS, CHARLES F., JR.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
FEDERATED DEPARTMENT STORES, INC.
LINGLE, WALTER L., JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BUTLER, A. L., JR.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.

SELLERS MFG. CO.
SOUTHERN RAILWAY COMPANY

CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	BRYAN, ANTHONY J. A.
	MORGAN, J. P., AND CO., INC.
	LEACH, RALPH F.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
WACHOVIA CORP.	CHASE MANHATTAN CORP.
	MYERS, CHARLES F., JR.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	WATLINGTON, J. E. JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BUTLER, A. L., JR.
	UNION CARBIDE CORPORATION
	JONES, HORACE C.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
DEBUTTS, JOHN D.	AETNA LIFE AND CASUALTY COMPANY
CITICORP	GRAY, HARRY J.
	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CBS, INC.
	THOMAS, FRANKLIN A.
	DUPONT, E. I., DE NEMOURS AND CO.
	SHAPIRO, IRVING S.
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	GRAY, HARRY J.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GENERAL ELECTRIC COMPANY
	WRISTON, WALTER B.
	GENERAL MOTORS CORP.
	HATFIELD, ROBERT S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BOUGHTON, AMORY, JR.
	SHAPIRO, IRVING S.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
	PENNEY, J. C., CO., INC.
	SEIBERT, DONALD VINCENT
	WRISTON, WALTER B.
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	SOUTHERN PACIFIC COMPANY
	HANLEY, JAMES W.
	STANDARD OIL COMPANY OF CALIFORNIA
	HAYNES, HAROLD J.
	PIGOTT, CHARLES M.
	UNION PACIFIC CORPORATION
	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
GENERAL MOTORS CORP.	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	CITICORP
	HATFIELD, ROBERT S.
	DETROIT EDISON COMPANY
	FISCHER, CHARLES T., III
	GERSTENEERG, RICHARD C.
	EASTMAN KODAK COMPANY
	FALLON, WALTER A.
	HATFIELD, ROBERT S.
	FIRST CHICAGO CORPORATION
	SIVAGE, GERALD A.
	MELLON NATIONAL CORPORATION
	MAYER, JOHN A.
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
	SIVAGE, GERALD A.
	MORGAN, J. P., AND CO., INC.
	FALLON, WALTER A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
KRAFTCO CORP. AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
UNITED STATES STEEL CORPORATION
AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
ELLINGHAUS, WILLIAM M.
BALL CORP.
BANKERS TRUST NEW YORK CORP
FIRST CHICAGO CORPORATION
GWINN, ROBERT P.
CONSUMERS POWER COMPANY
HANNOON, JOHN W., JR.
CONTINENTAL OIL COMPANY
BLAUVELT, HOWARD W.
FORD MOTOR CO.
CULLMAN, JOSEPH F., III
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.
MOBIL CORPORATION
LAPHAM, LEWIS A.
TAVOULAREAS, WILLIAM P.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.
BRISTOL-MYERS CO.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
ROBINSON, JAMES D., III
WALLACE, MARTHA REDFIELD
BANKERS TRUST NEW YORK CORP
GELB, RICHARD L.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
UNION PACIFIC CORPORATION
EVANS, JAMES H.
ROBINSON, JAMES D., III
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
CHASE MANHATTAN CORP.
PRATT, EDMUND T., JR.
SMITH, J. STANFORD
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
GENERAL MOTORS CORP.
SMITH, J. STANFORD
INTERNATIONAL HARVESTER COMPANY
HANSEN, ARTHUR GENE
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.
PIERCE, SAMUEL RILEY, JR.
PACIFIC NORTHWEST BELL TELEPHONE CO.
UAL, INC.
JENKINS, WILLIAM M.
PACIFIC TELEPHONE AND TELEGRAPH COMPANY
PENNEY, J. C., CO., INC.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CITICORP
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
UNION CARBIDE CORPORATION
JACKSON, JACK B.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
THIOKAL CORP.
HANIFY, EDWARD B.
BOSTON EDISON CO.
FIRST NATIONAL BOSTON CORP.
FAREWELL, FRANK L.
GALLIGAN, THOMAS J., JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
O'KEEFE, BERNARD J.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
GAVIN, JAMES M.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FEDERATED DEPARTMENT STORES, INC.
FIGGINS, W. P.
JOHNSON, H. W.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
GIFFORD, NELSON S.
HILL, RICHARD DEVEREUX
MERCER, WILLIAM C.
MOCKLER, COLMAN M., JR.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
ROPES & GRAY
STATE STREET BOSTON FINANCIAL CORP.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
MAHER, F. B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.

CONTINENTAL ILLINOIS CORPORATION

BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
COMMONWEALTH EDISON
COREY, GORDON R.
WRIGHT, JOSEPH S.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
POTTER, KEITH R.
SEARS, ROEBUCK AND CO.
WOOD, ARTHUR M.
STANDARD OIL COMPANY OF INDIANA
MALOTT, ROBERT H.
WRIGHT, JOSEPH S.
YARRINGTON, BLAINE J.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.

CONTINENTAL OIL COMPANY

AMERICAN EXPRESS COMPANY
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
BLAUVELT, HOWARD W.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
EQUITABLE LIFE ASSURANCE
BUER, C. W.
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
UAL, INC.
NORSTAD, LAURIS
CHRYSLER CORPORATION
FLEMING, ROBBEN W.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GRAHAM, WILLIAM B.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
UAL, INC.
CARLSON, EDWARD E.

DEERE & CO.

HOLLAND, JEROME HEARTWELL
CHRYSLER CORPORATION

BANKAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPEL, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
MANUFACTURERS HANOVER CORPORATION
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
WILSON, F. PERRY

CONTINENTAL CORPORATION, THE

CYLBRO CORP.

FEDERATED DEPARTMENT STORES, INC.

CHASE MANHATTAN CORP.
LAZARUS, RALPH
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
GENERAL ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

LAZARUS, RALPH
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
FIGGINS, W. P.
JOHNSON, H. W.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
GENERAL FOODS CORP. AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATEPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
NEW YORK STOCK EXCHANGE GENERAL MOTORS CORP.
ROCHE, JAMES M.
MARINE MIDLAND BANKS, INC.
OWENS, CORNELIUS W.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
MACBAIN, GAVIN KEITH
UNION CARBIDE CORPORATION CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CONTINENTAL CORPORATION, THE
WILSON, F. PERRY
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERRY
METROPOLITAN LIFE INSURANCE COMPANY
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PENNEY, J. C., CO., INC.
JACKSON, JACK B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ZURN INDUSTRIES, INC.
JOHNSON, BELTON K.
CAMPBELL SOUP CO.

BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
EQUITABLE LIFE ASSURANCE
BLOUGH, ROGER M.
FORD MOTOR CO.
GADSDEN, HENRY W.
MORGAN, J. P., AND CO., INC.
DORRANCE, JOHN T., JR.
PHILLIPS PETROLEUM COMPANY
PIEL, WILLIAM, JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.

CHAPARROSA RANCH
FIRST CITY BANCORPORATION OF TEXAS INC.

CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
EASTERN AIRLINES, INC.
ELKINS, JAMES A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.

HAMILTON BROTHERS EXPLORATION CO.
NATIONAL BANNCSHARES CORP OF TEXAS
NATIONAL FINANCE CREDIT CORP.
UNITED STATES TRUST COMPANY

AMERICAN EXPRESS COMPANY
AMMIDON, HOYT
CLARK, HOWARD L.
ETHERINGTON, EDWIN D.
CHRYSLER CORPORATION
KILLEFER, TOM
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
BUEK, C. W.
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
EQUITABLE LIFE ASSURANCE
BUEK, C. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
MOBIL CORPORATION
CLARK, HOWARD L.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH

KILLIAN, JAMES R., JR.
INGERSOLL RAND CO.
M. I. T. CORP.

MITRE CORP.

POLAROID CORP.

GENERAL MOTORS CORP.
TERRELL, RICHARD L.
FIRST NATIONAL BOSTON CORP.
CHARPIE, ROBERT A.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
JONES, F. S.
FIRST NATIONAL BOSTON CORP.
HILL, RICHARD DEVEREUX
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HILL, RICHARD DEVEREUX

LINDHOLM, WILLIAM L.
BELL TELEPHONE LABORATORIES, INC.

MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEEPS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

	FINLEY, JAMES D.
	HAUGE, GABRIEL
	MITCHELL, DAVID W.
	SEARS, ROEBUCK AND CO.
	BEERS, WILLIAM O.
	SOUTHERN PACIFIC COMPANY
	MUNFOE, GEORGE B.
	UNION CARBIDE CORPORATION
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
	WHITMAN, MARINA V. N.
NEW YORK TELEPHONE COMPANY	AMERICAN EXPRESS COMPANY
	WALLACE, MARTHA REDFIELD
	CBS, INC.
	THOMAS, FRANKLIN A.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	HOUGHTON, AMORY, JR.
	THOMAS, FRANKLIN A.
	EASTERN AIRLINES, INC.
	HALL, FLOYD D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	MARINE MIDLAND BANKS, INC.
	WENDEL, WILLIAM H.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	THOMAS, FRANKLIN A.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	YUNICH, DAVID L.
PEPSICO INC.	ATLANTIC RICHFIELD COMPANY
	KENDALL, DONALD M.
	BRANIFF INTERNATIONAL CORPORATION
	LAY, HERMAN W.
	STEWART, ROBERT H., III
	CHEMICAL NEW YORK CORPORATION
	LEARSON, T. VINCENT
	CITICORP
	GARVIN, CLIFTON C., JR.
	DUKE POWER CO
	LAY, HERMAN W.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	GENERAL MOTORS CORP.
	ROCHE, JAMES M.
	INTERNATIONAL BUSINESS MACHINES CORP.
	COLEMAN, WILLIAM T., JR.
	LEARSON, T. VINCENT
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	KENDALL, DONALD M.
MACNAUGHTON, DONALD S.	AETNA LIFE AND CASUALTY COMPANY
EXXON CORPORATION	GRAY, HARRY J.
	CATERPILLAR TRACTOR COMPANY
	FRANKLIN, WILLIAM H.
	CHASE MANHATTAN CORP.
	KAUFFMAN, HOWARD C.
	CHEMICAL NEW YORK CORPORATION
	PIERCY, GEORGE T.
	CITICORP
	GARVIN, CLIFTON C., JR.
	GRAY, HARRY J.
	EQUITABLE LIFE ASSURANCE
	JAMIESON, J. K.
	METROPOLITAN LIFE INSURANCE COMPANY
	PETERSON, MARTHA E.
	PROCTER AND GAMBLE COMPANY
	HARNESS, EDWARD G.
PRUDENTIAL INSURANCE CO. OF AMERICA	BANKERS TRUST NEW YORK CORP
	GORMAN, PAUL A.
	GENERAL ELECTRIC COMPANY
	PIERCE, SAMUEL RILEY, JR.
	MORGAN, J. P., AND CO., INC.
	PROCKNOW, DONALD E.
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	DAVIS, C. MALCOLM
	FOSTER, MARGERY SOMMERS
	STANDARD OIL COMPANY OF CALIFORNIA
	WASSON, E. HORNSBY
	WESTERN ELECTRIC CO., INC.
	PROCKNOW, DONALD E.
MCGILL, WILLIAM J. (DR.)	AETNA LIFE AND CASUALTY COMPANY
MCGRAW-HILL, INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

TEXACO, INC.	ROBICHAUD, BERYL (DR)
MILLER, J. IRWIN	AMERICAN EXPRESS COMPANY
CUMMINS ENGINE CO., INC.	ROOSA, ROBERT V.
	CBS, INC.
	SCHACHT, HENRY B.
	THOMAS, FRANKLIN A.
	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	CITICORP
	THOMAS, FRANKLIN A.
	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	GENERAL ELECTRIC COMPANY
	HILLMAN, HENRY L.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
IRWIN UNION CORPORATION	
MURPHY, WILLIAM B.	
CAMPBELL SOUP CO.	
	BANKERS TRUST NEW YORK CORP
	GORMAN, PAUL A.
	EQUITABLE LIFE ASSURANCE
	BLOUGH, ROGER M.
	FORD MOTOR CO.
	GADSDEN, HENRY W.
	MORGAN, J. P., AND CO., INC.
	DORRANCE, JOHN T., JR.
	PHILLIPS PETROLEUM COMPANY
	PIEL, WILLIAM, JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	GORMAN, PAUL A.
INTERNATIONAL PAPER CO.	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	GORMAN, PAUL A.
	CHASE MANHATTAN CORP.
	PRATT, EDMUND T., JR.
	SMITH, J. STANFORD
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	GENERAL ELECTRIC COMPANY
	PIERCE, SAMUEL RILEY, JR.
	GENERAL MOTORS CORP.
	SMITH, J. STANFORD
	INTERNATIONAL HARVESTER COMPANY
	HANSEN, ARTHUR GENE
	PENNEY, J. C., CO., INC.
	ELLINGHAUS, WILLIAM M.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	GORMAN, PAUL A.
	PIERCE, SAMUEL RILEY, JR.
MERCK & CO., INC.	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	FORD MOTOR CO.
	GADSDEN, HENRY W.
	HEISKELL, MARIAN S.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	MORGAN, J. P., AND CO., INC.
	PAGE, WALTER H.
	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
SPEER, EDGAR B.	CITICORP
PROCTER AND GAMBLE COMPANY	OELMAN, ROBERT S.
	EXXON CORPORATION
	HARNESSE, EDWARD G.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GENERAL MOTORS CORP.
	MORGENS, HOWARD J.
	GOODYEAR TIRE AND RUBBER COMPANY
	GEIR, PHILLIP O., JR.
	HARPER, JOHN DICKESON
	MELLON NATIONAL CORPORATION
	HARPER, JOHN DICKESON
	METROPOLITAN LIFE INSURANCE COMPANY
	HARPER, JOHN DICKESON
	MORGAN, J. P., AND CO., INC.
	MORGENS, HOWARD J.
	TRANS WORLD AIRLINES, INC.
	MCGHEE, GEORGE C.
REACTIVE METALS, INC.	
UNITED STATES STEEL CORPORATION	AETNA LIFE AND CASUALTY COMPANY
	FILER, JOHN H.
	RODERICK, DAVID M.
	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	SCRIVENER, ROBERT CARLTON
	CHARTER NEW YORK CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALFER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
FCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

WARNER, RAWLEIGH, JR.
AMERICAN EXPRESS COMPANY

CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FURLAUD, RICHARD M.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MOBIL CORPORATION
CLARK, HOWARD L.
TEXACO, INC.
ROOSA, ROBERT V.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.

CATERPILLAR TRACTOR COMPANY

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
EXXON CORPORATION
FRANKLIN, WILLIAM H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
MORGAN, LEE L.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
SHELL OIL COMPANY
BLACKIE, WILLIAM
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON

CHEMICAL NEW YORK CORPORATION

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEAPSON, T. VINCENT

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR AMERICAN TELEPHONE AND TELEGRAPH COMPANY

	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	NEW YORK LIFE INSURANCE COMPANY
	PIVIROTT, RICHARD R.
	RENCHARD, WILLIAM S.
	SEABOARD COAST LINE INDUSTRIES, INC.
	RICE, WILLIAM THOMAS
	SEARS, ROEBUCK AND CO.
	BUTTON, JAMES W.
	STANDARD OIL COMPANY OF INDIANA
	WOOD, RICHARD D.
	UNITED STATES STEEL CORPORATION
	WALKER, WILBERT A.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
MARCOR INC.	BANKERS TRUST NEW YORK CORP
	TAVOULAREAS, WILLIAM P.
	MOBIL CORPORATION
	DONNELL, EDWARD S.
	RIOPDAN, JAMES QUENTIN
	TAVOULAREAS, WILLIAM P.
	TUCKER, RICHARD F.
MOBIL CORPORATION	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	TAVOULAREAS, WILLIAM P.
	CITICORP
	SHELDON, ELEANOR H. B.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WILLIAMS, ALBERT L.
TIME, INC.	ATLANTIC RICHFIELD COMPANY
	FREEMAN, GAYLORD
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	FIRST CHICAGO CORPORATION
	FREEMAN, GAYLORD
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
	WATSON, THOMAS J., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR ATLANTIC RICHFIELD COMPANY

ANDERSON, ROBERT O.

FIRST CHICAGO CORPORATION

BURLINGTON NORTHERN, INC.

MENK, LOUIS W.

CATERPILLAR TRACTOR COMPANY

INGERSOLL, ROBERT S.

MORGAN, LEE L.

COMMONWEALTH EDISON

AYERS, THOMAS G.

MCCORMICK, BROOKS

PRINCE, WILLIAM WOOD

SWIFT, A. DEAN

EASTERN AIRLINES, INC.

PRINCE, WILLIAM WOOD

FIRST BANK SYSTEM, INC.

MENK, LOUIS W.

GENERAL MOTORS CORP.

SIVAGE, GERALD A.

INTERNATIONAL HARVESTER COMPANY

MCCORMICK, BROOKS

MENK, LOUIS W.

METROPOLITAN LIFE INSURANCE COMPANY

SIVAGE, GERALD A.

SANTA FE INDUSTRIES, INC.

WOELFLE, ARTHUR W.

SEARS, ROEBUCK AND CO.

AYERS, THOMAS G.

SWIFT, A. DEAN

STANDARD OIL COMPANY OF INDIANA

ABBOUD, ROBERT A.

UAL, INC.

CARLSON, EDWARD E.

STUART, ROBERT D., JR.

AVERY, R. STANTON

AMERON INC.

BENSON, E. M., JR.

MISSION EQUITIES CORP.

BRADSHAW, THORNTON F.

CHAMPION INTERNATIONAL CORP.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.

JOHNSON, H. W.

FIRST NATIONAL BOSTON CORP.

CHARPIE, ROBERT A.

GOODYEAR TIRE AND RUBBER COMPANY

GERSTENMAIER, JOHN H.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

JOHNSON, H. W.

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

WESTINGHOUSE ELECTRIC CORPORATION

BENDETSEN, KARL R.

NATIONAL BROADCASTING CO., INC.

CHARTER NEW YORK CORP.

SMILEY, DONALD B.

CITICORP

FOURAKER, LAWRENCE E.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

RCA CORP.

FOUPAKER, LAWRENCE E.

GRIFFITHS, EDGAR H.

KENNEDY, WILLIAM J., III

SELBY, CECILY C.

SMILEY, DONALD B.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

RCA CORP.

CHARTER NEW YORK CORP.

SMILEY, DONALD B.

CITICORP

FOURAKER, LAWRENCE E.

MARINE MIDLAND BANKS, INC.

PETTY, JOHN ROBERT

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

SECURITY PACIFIC CORP.

GENERAL ELECTRIC COMPANY

BOSWELL, JAMES G., II

GOODYEAR TIRE AND RUBBER COMPANY

ANDERSON, ROBERT B.

PAN AMERICAN WORLD AIRWAYS, INC.

ANDERSON, ROBERT B.

SAFEWAY STORES, INC.

BOSWELL, JAMES G., II

SOUTHERN CALIFORNIA EDISON COMPANY

LARKIN, FREDERICK G., JR.

SMITH, H. RUSSELL

VON HAGEN, RICHARD R.

UNION PACIFIC CORPORATION

LAWLER, OSCAR T.

DAVIS, LOUIS F.

DOWNER, JOSEPH P.

ANACONDA CO.

AMERICAN EXPRESS COMPANY

ROOSA, ROBERT V.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR ATLANTIC RICHFIELD COMPANY

CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
TEXACO, INC.
ROOSA, ROBERT V.
COMMUNITY TELEVISION OF SOUTHERN CALIFORNIA
FIDUCIARY TRUST CO OF NEW YORKAMERICAN AIR LINES, INC.
BURR, FRANCIS H.
EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
LOCKHEED AIRCRAFT CORPORATION CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
GREAT WESTERN FINANCIAL CORPORATION
SHAW, LESLIE N.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
SOUTHERN CALIFORNIA EDISON COMPANY
HORTON, JACK K.
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
WESTERN BANCORPORATION
HORTON, JACK K.
FREEMAN, GAYLORD
BAXTER TRAVENOL LABORATORIES INC.
FIRST CHICAGO CORPORATION
GRAHAM, WILLIAM B.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
MORGAN, LEE L.
COMMONWEALTH EDISON
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
MENK, LOUIS W.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.
UAL, INC.
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
COMMONWEALTH EDISON
AYERS, THOMAS G.
CONTINENTAL ILLINOIS CORPORATION
BERE, JAMES F.
FIRST CHICAGO CORPORATION
AYERS, THOMAS G.
GRAHAM, WILLIAM B.
GREY, JOHN D.
HEINEMAN, BEN W.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
HEISKELL, MARIAN S.
CONTINENTAL OIL COMPANY
PACE, FRANK, JR.
FORD MOTOR CO.
HEISKELL, MARIAN S.
INTERNATIONAL BUSINESS MACHINES CORP.
WATSON, THOMAS J., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
LINOWITZ, SOL M.
WATSON, THOMAS J., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 POP ATLANTIC RICHFIELD COMPANY
 HAWLEY, PHILLIP M.
 CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 CARTER, EDWARD W.
 BANKAMERICA CORPORATION
 DI GIORGIO, ROBERT
 NEW YORK LIFE INSURANCE COMPANY
 MARCUS, STANLEY
 PRUDENTIAL INSURANCE CO. OF AMERICA
 WASSON, E. HORNSBY
 SANTA FE INDUSTRIES, INC.
 HALE, PRENTIS C.
 SOUTHERN CALIFORNIA EDISON COMPANY
 BARKER, NORMAN, JR.
 CARTER, EDWARD W.
 HALE, STANTON G.
 STANDARD OIL COMPANY OF CALIFORNIA
 WASSON, E. HORNSBY
 UNION OIL COMPANY OF CALIFORNIA
 DI GIORGIO, ROBERT
 HALE, PRENTIS C.
 WESTERN BANCORPORATION
 BARKER, NORMAN, JR.
 CARTER, EDWARD W.

DISNEY, WALT PRODUCTIONS
 PACIFIC TELEPHONE & TELEGRAPH CO.

BANKAMERICA CORPORATION
 DI GIORGIO, ROBERT
 CROCKER NATIONAL CORPORATION
 HULL, JEROME W.
 SMITH, WILLIAM FRENCH
 SOLOMON, EMMETT G.
 METROPOLITAN LIFE INSURANCE COMPANY
 SOLOMON, EMMETT G.
 NEW YORK LIFE INSURANCE COMPANY
 HULL, JEROME W.
 PACIFIC GAS AND ELECTRIC COMPANY
 HASS, WALTER A.
 SOLOMON, EMMETT G.
 SECURITY PACIFIC CORP.
 DUCOMMUN, CHARLES F.
 SOUTHERN CALIFORNIA EDISON COMPANY
 HALE, STANTON G.
 UNION OIL COMPANY OF CALIFORNIA
 DI GIORGIO, ROBERT

INGERSOLL, ROBERT S.
 BORG WARNER CORP.

CONTINENTAL ILLINOIS CORPORATION
 KARNES, WILLIAM G.
 FIRST CHICAGO CORPORATION
 GRAHAM, WILLIAM B.
 GWINN, ROBERT P.
 AMERICAN EXPRESS COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 WARNER, RAWLEIGH, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 WARNER, RAWLEIGH, JR.
 CHEMICAL NEW YORK CORPORATION
 WARNER, RAWLEIGH, JR.
 EXXON CORPORATION
 FRANKLIN, WILLIAM H.
 FIRST CHICAGO CORPORATION
 MORGAN, LEE L.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 MOBIL CORPORATION
 WARNER, RAWLEIGH, JR.
 SHELL OIL COMPANY
 BLACKIE, WILLIAM
 STANDARD OIL COMPANY OF CALIFORNIA
 PACKARD, DAVID
 TRANS WORLD AIRLINES, INC.
 PACKARD, DAVID
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.
 SCRIVENER, ROBERT CARLTON
 BURLINGTON NORTHERN, INC.
 MENK, LOUIS W.
 CATERPILLAR TRACTOR COMPANY
 MORGAN, LEE L.
 COMMONWEALTH EDISON
 AYERS, THOMAS G.
 MCCORMICK, BROOKS
 PRINCE, WILLIAM WOOD
 SWIFT, A. DEAN
 EASTERN AIRLINES, INC.
 PRINCE, WILLIAM WOOD
 FIRST BANK SYSTEM, INC.
 MENK, LOUIS W.
 GENERAL MOTORS CORP.
 SIVAGE, GERALD A.
 INTERNATIONAL HARVESTER COMPANY
 MCCORMICK, BROOKS
 MENK, LOUIS W.
 METROPOLITAN LIFE INSURANCE COMPANY

CATERPILLAR TRACTOR COMPANY

FIRST CHICAGO CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR ATLANTIC RICHFIELD COMPANY

SIVAGE, GERALD A.
 SANTA FE INDUSTRIES, INC.
 WOELFLE, APTHUR W.
 SEARS, ROEBUCK AND CO.
 AYERS, THOMAS G.
 SWIFT, A. DEAN
 STANDARD OIL COMPANY OF INDIANA
 ABBODD, ROBERT A.
 UAL, INC.
 CARLSON, EDWARD E.
 STUART, ROBERT D., JR.
 CHASE MANHATTAN CORP.
 BINGER, JAMES H.
 FIRST BANK SYSTEM, INC.
 NYROP, DONALD W.
 SPANGLE, CLARENCE W.
 FIRST NATIONAL BOSTON CORP.
 CHARPIE, ROBERT A.
 NORTHWEST AIRLINES, INC.
 BINGER, JAMES H.
 NYROP, DONALD W.
 NORTHWEST BANCORPORATION
 SPOOR, WILLIAM H.
 AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 CLEARY, CATHERINE B.
 DEBUTTS, JOHN D.
 BANKERS TRUST NEW YORK CORP
 THAYER, WALTER N.
 CITICORP
 DEBUTTS, JOHN D.
 CONTINENTAL CORPORATION, THE
 ZIPP, GEORGE G.
 FIRST CHICAGO CORPORATION
 WOELFLE, ARTHUR W.
 GENERAL MOTORS CORP.
 CLEARY, CATHERINE B.
 DEBUTTS, JOHN D.
 MANUFACTURERS HANOVER CORPORATION
 BEERS, WILLIAM O.
 MCGILLICUDDY, JOHN F.
 ZIPP, GEORGE G.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 CLEARY, CATHERINE B.
 SANTA FE INDUSTRIES, INC.
 WOELFLE, ARTHUR W.
 SEARS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 UNITED STATES STEEL CORPORATION
 BEERS, WILLIAM O.
 DEBUTTS, JOHN D.
 WESTINGHOUSE ELECTRIC CORPORATION
 MCGILLICUDDY, JOHN F.
 BURLINGTON NORTHERN, INC.
 WILSON, ROBERT B.
 EQUITABLE LIFE ASSURANCE
 MILLER, O. N.
 KENDALL, DONALD M.
 INVESTORS DIVERSIFIED SEMIS MUTUAL FUND GROUP
 PAN AMERICAN WORLD AIRWAYS, INC.
 AMERICAN ELECTRIC POWER COMPANY, INC.
 STANTON, FRANK
 BANKAMERICA CORPORATION
 DILLINGHAM, LOWELL S.
 CBS, INC.
 STANTON, FRANK
 TREE, MARIETTA
 GOODYEAR TIRE AND RUBBER COMPANY
 ANDERSON, ROBERT B.
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 WISER, FORWOOD C., JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 COLEMAN, WILLIAM T., JR.
 WATSON, THOMAS J., JR.
 MARINE MIDLAND BANKS, INC.
 LINOWITZ, SOL M.
 NEW YORK LIFE INSURANCE COMPANY
 STANTON, FRANK
 SECURITY PACIFIC CORP.
 ANDERSON, ROBERT B.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 LINDHOLM, WILLIAM L.
 BRANIFF INTERNATIONAL CORPORATION
 LAY, HERMAN W.
 STEWART, ROBERT H., III
 CHEMICAL NEW YORK CORPORATION
 LEARSON, T. VINCENT
 CITICORP
 GARVIN, CLIFTON C., JR.
 DUKE POWER CO
 LAY, HERMAN W.
 EXXON CORPORATION
 GARVIN, CLIFTON C., JR.

HONEYWELL, INC.
 KRAFTCO CORP.
 WEYERHAUSER COMPANY
 PEPSICO INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR ATLANTIC RICHFIELD COMPANY

GENERAL MOTORS CORP.
ROCHE, JAMES M.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
LEAFSON, T. VINCENT
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.

KIESCHNICK, W. F., JR.
CALDWELL BANKS AND CO.
PLACE, JOHN B. M.
ANACONDA CO.

AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
TEXACO, INC.
ROOSA, ROBERT V.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CHASE MANHATTAN CORP.
LILLEY, ROBERT D.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.

CHEMICAL NEW YORK CORPORATION AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WAPNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEAFSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

COMMUNICATIONS SATELLITE CORP. GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
LAIRD, M. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PHILADELPHIA ELECTRIC COMPANY
HAGERTY, WILLIAM W.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON

LEVER BROTHERS
METROPOLITAN LIFE INSURANCE COMPANY
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR ATLANTIC RICHFIELD COMPANY

CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

STANTON, FRANK
AMERICAN ELECTRIC POWER COMPANY, INC.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
GAVIN, JAMES M.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
SANTA FE INDUSTRIES, INC.
ZWIENER, KENNETH V.

BOOK DIGEST, INC.
CBS, INC.

CITICORP
THOMAS, FRANKLIN A.
EASTERN AIRLINES, INC.
GILPATRIC, ROSWELL L.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PAN AMERICAN WORLD AIRWAYS, INC.
TREE, MARIETTA
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
LOVETT, ROBERT A.

INTERPUBLIC GROUP OF COMPANIES, INC.
NEW PERSPECTIVE FUND, INC.
NEW YORK LIFE INSURANCE COMPANY
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR ATLANTIC RICHFIELD COMPANY

UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTTI, RICHARD R.

OBSERVER, THE, LTD.

PAN AMERICAN WORLD AIRWAYS, INC.

BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
CBS, INC.
TREE, MARIETTA
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.

TENGE, JOHN E.

MIDLAND NATIONAL BANK OF BILLINGS

WILSON, KENDRICK R., JR.

AVCO CORP.

CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
FIRST NATIONAL BOSTON CORP.
CARTER, JOSEPH R.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
CHEMICAL NEW YORK CORPORATION
MOSBACHER, EMIL, JR.
MANUFACTURERS HANOVER CORPORATION
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
MITCHELL, DAVID W.
RCA CORP.
SELBY, CECILY C.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.

CENTRAL AND SOUTHWEST CORPORATION

STANDARD OIL COMPANY OF INDIANA
PASMUSSEN, ARTHUR E.

DAYCO CORP.

DRY DOCK SAVINGS BANK

FEDERATED DEPARTMENT STORES, INC.
LACHMAN, LAWRENCE
MANUFACTURERS HANOVER CORPORATION
MITCHELL, DAVID W.
NEW YORK LIFE INSURANCE COMPANY
MITCHELL, DAVID W.
PENNEY, J. C., CO., INC.
AXELSON, KENNETH S.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.
MARINE MIDLAND BANKS, INC.
POSHAY, WM. WARD
AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
GENERAL ELECTRIC COMPANY
LAWRENCE, JOHN E.
SEABOARD COAST LINE INDUSTRIES, INC.
WOLBACH, WILLIAM W.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III

PITNEY-BOWES, INC.

WEST POINT-PEPPERELL, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKAMERICA CORPORATION

ASH, ROY L.
ADDRESOGRAPH-MULTIGRAPH CORP.
GLOBAL MARINE, INC.

SCHUMACER, J. C., AND SONS
BAUMHEFNER, C. H.
BRIMMER, ANDREW P.
AMERICAN SECURITY CORP.

CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.

PROCTER AND GAMBLE COMPANY
MCGHEE, GEORGE C.
SOUTHERN RAILWAY COMPANY
CRANE, L. STANLEY
IRELAND, R. L.
TRANS WORLD AIRLINES, INC.
MCGHEE, GEORGE C.

BANK OF AMERICA NATIONAL TRUST & SAVINGS ASSN.
BRIMMER & CO., INC.
DUPONT, E. I., DE NEMOURS AND CO.

AMERICAN STORES COMPANY
HECKERT, RICHARD E.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.

CITICORP
SHAPIRO, IRVING S.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
SHAPIRO, IRVING S.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.

INTERNATIONAL HARVESTER COMPANY
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
COMMONWEALTH EDISON
MCCORMICK, BROOKS
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
POTTER, KEITH R.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MCCORMICK, BROOKS
MENK, LOUIS W.
NORTHWEST BANCORPORATION
SPENCER, EDSON W.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.

NATIONAL BUREAU OF ECONOMICS RESEARCH
UAL, INC.

CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CONTINENTAL OIL COMPANY
NORSTAD, LAURIS
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
PACIFIC GAS AND ELECTRIC COMPANY
COOLEY, RICHARD P.
WELLS FARGO AND COMPANY
COOLEY, RICHARD P.

CLAUSEN, A. W.
COMMERCIAL & GENERAL ACCEPTANCE, LTD.
PARTNERSHIP PACIFIC, LTD.
STANFORD RESEARCH INSTITUTE

FORD MOTOR CO.
MILLER, ARJAY
WELLS FARGO AND COMPANY
MILLER, ARJAY

DI GIORGIO, ROBERT
CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKAMERICA CORPORATION

	SOUTHERN CALIFORNIA EDISON COMPANY
	BARKER, NORMAN, JR.
	CARTER, EDWARD W.
	HALE, STANTON G.
	STANDARD OIL COMPANY OF CALIFORNIA
	WASSON, E. HORNSBY
	UNION OIL COMPANY OF CALIFORNIA
	HALE, PRENTIS C.
	WESTERN BANCORPORATION
	BARKER, NORMAN, JR.
	CARTER, EDWARD W.
DIGIORGIO CORP.	CROCKER NATIONAL CORPORATION
	HULL, JEROME W.
	NEW YORK LIFE INSURANCE COMPANY
	HULL, JEROME W.
NEWHALL LAND & FARMING CO.	
PACIFIC TELEPHONE & TELEGRAPH CO.	ATLANTIC RICHFIELD COMPANY
	HAWLEY, PHILLIP M.
	CROCKER NATIONAL CORPORATION
	HULL, JEROME W.
	SMITH, WILLIAM FRENCH
	SOLOMON, EMMETT G.
	METROPOLITAN LIFE INSURANCE COMPANY
	SOLOMON, EMMETT G.
	NEW YORK LIFE INSURANCE COMPANY
	HULL, JEROME W.
	PACIFIC GAS AND ELECTRIC COMPANY
	HASS, WALTER A.
	SOLOMON, EMMETT G.
	SECURITY PACIFIC CORP.
	DUCOMMUN, CHARLES F.
	SOUTHERN CALIFORNIA EDISON COMPANY
	HALE, STANTON G.
UNION OIL COMPANY OF CALIFORNIA	SANTA FE INDUSTRIES, INC.
	HALE, PRENTIS C.
DILLINGHAM, LOWELL S.	WELLS FARGO AND COMPANY
BANK OF HAWAII	MACNAUGHTON, MALCOLM
CYPRUS HAWAIIAN CEMENT CORP.	COMMONWEALTH EDISON
DELTEC INTERNATIONAL, LTD.	PRINCE, WILLIAM WOOD
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST CHICAGO CORPORATION
	PRINCE, WILLIAM WOOD
	FORD MOTOR CO.
	TAYLOR, A. THOMAS
DILLINGHAM CORP.	SOUTHERN CALIFORNIA EDISON COMPANY
	MCDANIEL, THOMAS M., JR.
DILLINGHAM, B. F., CO., LTD.	
HAWAIIAN WESTERN STEEL, LTD.	
LOWELL SUN TIMES	
PAN AMERICAN WORLD AIRWAYS, INC.	AMERICAN ELECTRIC POWER COMPANY, INC.
	STANTON, FRANK
	ATLANTIC RICHFIELD COMPANY
	KENDALL, DONALD M.
	STANTON, FRANK
	CBS, INC.
	STANTON, FRANK
	TREE, MARIETTA
	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	WISER, FORWOOD C., JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	COLEMAN, WILLIAM T., JR.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	NEW YORK LIFE INSURANCE COMPANY
	STANTON, FRANK
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
TIMES MIRROR CO.	AMERICAN AIR LINES, INC.
	ASTON, JAMES W.
	CASEY, ALBERT V.
	FORD MOTOR CO.
	MURPHY, FRANKLIN D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BROWN, HAROLD
GRAY, JOHN R.	
AMERICAN GILSONITE CO.	
STANDARD OIL COMPANY OF CALIFORNIA	CATERPILLAR TRACTOR COMPANY
	PACKARD, DAVID
	CITICORP
	HAYNES, HAROLD J.
	PIGOTT, CHARLES M.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	WASSON, E. HORNSBY
	TRANS WORLD AIRLINES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKAMERICA CORPORATION

HALABY, NAJEEB E.	PACKARD, DAVID
ARABAIR SERVICES CORP., LTD.	WESTERN BANCORPORATION
ATKINS & MERRILL, INC.	KELLER, GEORGE M.
AUB SERVICES CORP.	
BANK OF AMERICA-NEW YORK	
CHRYSLER CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONSUMERS POWER COMPANY
	GRIFFITHS, MARTHA W.
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	BRYAN, ANTHONY J. A.
	FRESGE, S. S., COMPANY
	GRIFFITHS, MARTHA W.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	HOLLAND, JEROME HEARTWELL
	NATIONAL DETROIT CORPORATION
	GRIFFITHS, MARTHA W.
	SEMPLE, ROBERT B.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	SOUTHERN RAILWAY COMPANY
	BRYAN, ANTHONY J. A.
	UNION CARBIDE CORPORATION
	HOLLAND, JEROME HEARTWELL
HALABY INTERNATIONAL CORP.	
INTER-ASIA MANAGEMENT CO., LTD.	
MENLO FINANCIAL CORP.	
KAISER, EDGAR F.	
KAISER ALUMINUM & CHEMICAL CORP.	WELLS FARGO AND COMPANY
	NEWMAN, ELLEN MAGNIN
KAISER CEMENT & GYPSUM CORP.	
KAISER INDUSTRIES CORP.	NORTHWEST AIRLINES, INC.
	LAND, JAMES N., JR.
KAISER RESOURCES LTD.	
KAISER STEEL CORP.	WESTINGHOUSE ELECTRIC CORPORATION
	WILCOX, GEORGE L.
LEWIS, DAVID SLOAN, JR.	
GENERAL DYNAMICS CORP.	AMERICAN BROADCASTING COMPANIES
	COOK, DONALD C.
	CONTINENTAL ILLINOIS CORPORATION
	RENEKER, ROBERT W.
	TRANS WORLD AIRLINES, INC.
	CROWN, LESTER
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	GULF OIL CORPORATION
	DEAN, R. HAL
	SINGER, EDWIN
	MELLON NATIONAL CORPORATION
	BYROM, FLETCHER L.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	MISSOURI PACIFIC CORPORATION
	SHAPLEIGH, WARREN M.
	MORGAN, J. P., AND CO., INC.
	SHAPLEIGH, WARREN M.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	FERGUSON, FRANCIS E.
	RCA CORP.
	SMILEY, DONALD B.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
LUNDBORG, LOUIS B.	
ENVIROTECH CORP.	CONSOLIDATED FREIGHTWAYS, INC.
	CHAMBERS, ROBERT L.
	CONTINENTAL OIL COMPANY
	ANDERSON, CHARLES A.
MCA, INC.	AMERICAN AIR LINES, INC.
	WASSERMAN, LEW R.
	FIRST CHICAGO CORPORATION
	DRICK, JOHN E.
	SAFeway STORES, INC.
	JONES, MARY GARDINER
	TRANS WORLD AIRLINES, INC.
	THORTON, CHARLES B.
	WESTERN BANCORPORATION
	THORTON, CHARLES B.
MCDANIEL, THOMAS M., JR.	
DILLINGHAM CORP.	PAN AMERICAN WORLD AIRWAYS, INC.
	DILLINGHAM, LOWELL S.
NORTHROP CORP.	SECURITY PACIFIC CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP BANKAMERICA CORPORATION

PACIFIC INDEMNITY CO.	FLAMSON, RICHARD J., III SAFEWAY STORES, INC. MITCHELL, W. S. SECURITY PACIFIC CORP. HARTNACK, CARL E.
SOUTHERN CALIFORNIA EDISON COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY CARTER, EDWARD W. SECURITY PACIFIC CORP. LARKIN, FREDERICK G., JR. SMITH, H. RUSSELL VON HAGEN, RICHARD R. WESTERN BANCORPORATION BARKER, NORMAN, JR. CARTER, EDWARD W. HORTON, JACK K.
MEDBERRY, C. J. GETTY OIL CO.	ARMANSON, H. F., AND COMPANY EVEY, STUART W. TOPPING, NORMAN GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC. SCHIFF, JOHN M. SECURITY PACIFIC CORP. LARKIN, FREDERICK G., JR. SOUTHERN CALIFORNIA EDISON COMPANY LARKIN, FREDERICK G., JR.
STEWART, SAMUEL BRADFORD AMPCO FOODS, INC. LONGS DRUG STORES INC. MACY'S CALIFORNIA OCCIDENTAL PETROLEUM CORPORATION	TRANSAMERICA CORPORATION KRIN, ARTHUR B.
VON DER AHE, THEODORE A. VON'S GROCERY CO. WENTE, KARL L. PACIFIC GAS AND ELECTRIC COMPANY	CROCKER NATIONAL CORPORATION SOLOMON, EMMETT G. METROPOLITAN LIFE INSURANCE COMPANY SOLOMON, EMMETT G. SAFEWAY STORES, INC. DE BRETTEVILLE, CHARLES SHELL OIL COMPANY DE BRETTEVILLE, CHARLES SOUTHERN PACIFIC COMPANY MILLER, RICHARD K. UAL, INC. COOLEY, RICHARD P. WELLS FARGO AND COMPANY COOLEY, RICHARD P.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKERS TRUST NEW YORK CORP

BAYLIS, CHESTER, JR.
BALTIMORE GAS & ELECTRIC CO. CRESSIE SYSTEM, INC.
DECKER, ALONZO G., JR.

GREAT AMERICAN INDUSTRIES, INC.
MARINE MIDLAND BANKS, INC.
LYONS, WILLIAM A.

HUYCK CORP.
EQUITABLE LIFE ASSURANCE
JAMES, GEORGE F.
WOOLWORTH, F. W., CO.
JAMES, GEORGE F.

INTERNATIONAL MINERALS & CHEMICAL CORP.
CHRYSLER CORPORATION
COLEMAN, JOHN H.
KRESGE, S. S., COMPANY
PURCELL, ROBERT W.
MELLON NATIONAL CORPORATION
RYAN, JOHN T., JR.
UNION PACIFIC CORPORATION
TAYLOR, VERNON F., JR.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.

MELVILLE CORP.

BICKMORE, LEE S.
CARRIER CORP.

HART SCHAFFNER & MARX
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
FIRST CHICAGO CORPORATION
ABBOUD, ROBERT A.
GREY, JOHN D.
STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.

MUTUAL LIFE INSURANCE CO. OF NEW YORK
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CITICORP
PALMER, EDWARD LEWIS
CROCKER NATIONAL CORPORATION
WILCOX, THOMAS R.
TEXACO, INC.
MCCALL, HOWARD W., JR.
TRANS WORLD AIRLINES, INC.
TILLINGHAST, CHARLES C.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS
WELLS FARGO AND COMPANY
MILLER, PAUL A.
GENERAL PUBLIC UTILITIES CORP.
DIEHL, VAL B.
INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
PRUDENTIAL INSURANCE CO. OF AMERICA
SCHAEFERLE, ROBERT M.

NABISCO, INC.

WESTERN ELECTRIC CO., INC.
CHARTER NEW YORK CORP.
BURCHAM, LESTER A.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
INTERNATIONAL HARVESTER COMPANY
RATTALIATA, JOHN T.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
LAWRENCE, JOHN L.
RATTALIATA, JOHN T.
UNION PACIFIC CORPORATION
KENEFICK, JOHN C.
WOOLWORTH, F. W., CO.
BURCHAM, LESTER A.
GUSHMAN, JOHN LOUIS

BLAUVELT, HOWARD W.
CONTINENTAL OIL COMPANY
AMERICAN EXPRESS COMPANY
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
EQUITABLE LIFE ASSURANCE
BUEK, C. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
UAL, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKERS TRUST NEW YORK CORP

GENERAL TELEPHONE AND ELECTRONICS CORP.	NORSTAD, LAURIS
	CHARTER NEW YORK CORP.
	BROPHY, THEODORE F.
	KNOWLES, JOHN H., M.D.
	MURPHY, GEORGE A.
HUDSONS BAY OIL & GAS CO., LTD.	CONTINENTAL OIL COMPANY
	BAILEY, RALPH E.
	TARKINGTON, ANDREW W.
BRITTAI, ALFRED, III	
COLLINS & AYKMAN CORP.	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	MCCULLOUGH, DONALD F.
PHILLIP MORRIS & CO., LTD.	FORD MOTOR CO.
	CULLMAN, JOSEPH F., III
	VEPCO
	MOORE, T. JUSTIN, JR.
ROYAL GLOBE INSURANCE COMPANIES	
	INTERNATIONAL BUSINESS MACHINES CORP.
	MOORE, WILLIAM H.
BROOKS, JOHN W.	
ACF INDUSTRIES, INC.	CHARTER NEW YORK CORP.
	STAUFFACHER, CHARLES B.
	GENERAL PUBLIC UTILITIES CORP.
	BURDITT, JOHN F.
DUN AND BRADSTREET COMPANIES, INC.	
	BRANIFF INTERNATIONAL CORPORATION
	THAYER, RUSSELL
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	GULF OIL CORPORATION
	SINGER, EDWIN
	SEABOARD COAST LINE INDUSTRIES, INC.
	MCGUIRK, WILLIAM EDWARD, JR.
	UNION PACIFIC CORPORATION
	EVANS, JAMES H.
FREMONT PAC CORPORATION	
CULLMAN, JOSEPH F., III	
FORD MOTOR CO.	
	CITICORP
	OELMAN, ROBERT S.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	EQUITABLE LIFE ASSURANCE
	WHARTON, CLIFTON R.
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
	MORGAN, J. P., AND CO., INC.
	BURGESS, CARTER L.
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	WELLS FARGO AND COMPANY
	MILLER, ARJAY
IBM WORLD TRADE EUROPE/MIDDLE	EAST/AFRICA CORP.
	MARINE MIDLAND BANKS, INC.
	HUBNER, ROBERT W.
PHILLIP MORRIS & CO., LTD.	VEPCO
	MOORE, T. JUSTIN, JR.
STRAUSS, LEVI & CO.	CROCKER NATIONAL CORPORATION
	HAAS, PETER E.
	FORD MOTOR CO.
	MILLER, ARJAY
	WELLS FARGO AND COMPANY
	MILLER, ARJAY
ELLINGHAUS, WILLIAM M.	
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	
	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	BROWN, CHARLES L.
	WARNER, RAWLEIGH, JR.
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CITICORP
	DEBUTTS, JOHN D.
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	CONTINENTAL ILLINOIS CORPORATION
	HEWITT, WILLIAM A.
	CONTINENTAL OIL COMPANY
	HEWITT, WILLIAM A.
	DUPONT, E. I., DE NEMOURS AND CO.
	BROWN, CHARLES L.
	EXXON CORPORATION
	MACNAUGHTON, DONALD S.
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	GENERAL MOTORS CORP.
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKERS TRUST NEW YORK CORP

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
FIRST CHICAGO CORPORATION
GWINN, ROBERT P.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
ROBINSON, JAMES D., III
WALLACE, MARTHA REDFIELD
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
UNION PACIFIC CORPORATION
EVANS, JAMES H.
ROBINSON, JAMES D., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MURPHY, WILLIAM B.
CHASE MANHATTAN CORP.
PRATT, EDMUND T., JR.
SMITH, J. STANFORD
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
GENERAL MOTORS CORP.
SMITH, J. STANFORD
INTERNATIONAL HARVESTER COMPANY
HANSEN, ARTHUR GENE
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.
PIERCE, SAMUEL RILEY, JR.
PACIFIC NORTHWEST BELL TELEPHONE CO.
UAL, INC.
JENKINS, WILLIAM M.
PACIFIC TELEPHONE AND TELEGRAPH COMPANY
PENNEY, J. C., CO., INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
CITICORP
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
UNION CARBIDE CORPORATION
JACKSON, JACK B.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
THIOKAL CORP.
GELB, RICHARD L.
BRISTOL-MYERS CO.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
ROBINSON, JAMES D., III
WALLACE, MARTHA REDFIELD
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ELLINGHAUS, WILLIAM M.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.
UNION PACIFIC CORPORATION
EVANS, JAMES H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKERS TRUST NEW YORK CORP

CLUETT PEABODY AND CO., INC.	ROBINSON, JAMES D., III AMERICAN EXPRESS COMPANY CLARK, HOWARD L. HENLEY, HENRY H., JR. EASTERN AIRLINES, INC. HALL, FLOYD D. FEDERATED DEPARTMENT STORES, INC. SHORE, T. SPENCER GENERAL ELECTRIC COMPANY HENLEY, HENRY H., JR. MANUFACTURERS HANOVER CORPORATION HENLEY, HENRY H., JR. MOBIL CORPORATION CLARK, HOWARD L. CONSOLIDATED EDISON CO OF NEW YORK HEISKELL, MARIAN S. FORD MOTOR CO. HEISKELL, MARIAN S. INTERNATIONAL BUSINESS MACHINES CORP. SCRANTON, WILLIAM W. VANCE, CYRUS R.
NEW YORK TIMES CO	AMERICAN TELEPHONE AND TELEGRAPH COMPANY JOHNSON, BELTON K. MURPHY, WILLIAM B. EQUITABLE LIFE ASSURANCE BLOUGH, ROGER M. FORD MOTOR CO. GADSDEN, HENRY W. MORGAN, J. P., AND CO., INC. DORRANCE, JOHN T., JR. PHILLIPS PETROLEUM COMPANY PIEL, WILLIAM, JR. AMERICAN TELEPHONE AND TELEGRAPH COMPANY ELLINGHAUS, WILLIAM M. MURPHY, WILLIAM B. CHASE MANHATTAN CORP. PRATT, EDMUND T., JR. SMITH, J. STANFORD CHEMICAL NEW YORK CORPORATION NEWMAN, JAMES WILSON GENERAL ELECTRIC COMPANY PIERCE, SAMUEL RILEY, JR. GENERAL MOTORS CORP. SMITH, J. STANFORD INTERNATIONAL HARVESTER COMPANY HANSEN, ARTHUR GENE PENNEY, J. C., CO., INC. ELLINGHAUS, WILLIAM M. PRUDENTIAL INSURANCE CO. OF AMERICA PIERCE, SAMUEL RILEY, JR.
GORMAN, PAUL A. CAMPBELL SOUP CO.	PRUDENTIAL INSURANCE CO. OF AMERICA AMERICAN TELEPHONE AND TELEGRAPH COMPANY MACNAUGHTON, DONALD S. EXXON CORPORATION MACNAUGHTON, DONALD S. GENERAL ELECTRIC COMPANY PIERCE, SAMUEL RILEY, JR. MORGAN, J. P., AND CO., INC. PROCKNOW, DONALD E. PUBLIC SERVICE ELECTRIC AND GAS CO. DAVIS, C. MALCOLM FOSTER, MARGERY SOMMERS STANDARD OIL COMPANY OF CALIFORNIA WASSON, E. HORNSBY WESTERN ELECTRIC CO., INC. PROCKNOW, DONALD E.
INTERNATIONAL PAPER CO.	THOMAS & BETTS CO. HANNON, JOHN W., JR. CONSUMERS POWER COMPANY
	CHRYSLER CORPORATION GRIFFITHS, MARTHA W. KRESGE, S. S., COMPANY AYMOND, A. H. GRIFFITHS, MARTHA W. NATIONAL DETROIT CORPORATION AYMOND, A. H. GRIFFITHS, MARTHA W. MCKONE, DON T. NORTHWESTERN MUTUAL LIFE INSURANCE CO AYMOND, A. H.
	JORDAN, VERNON E., JR. CELANESE CORP.
	ATLANTIC RICHFIELD COMPANY PLACE, JOHN B. M. CHASE MANHATTAN CORP. LILLEY, ROBERT D. CHEMICAL NEW YORK CORPORATION PLACE, JOHN B. M. CONTINENTAL CORPORATION, THE LILLEY, ROBERT D. GOODYEAR TIRE AND RUBBER COMPANY ANDERSON, ROBERT B. INTERNATIONAL TELEPHONE AND TELEGRAPH CO. HAMILTON, FREDERIC C. METROPOLITAN LIFE INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKERS TRUST NEW YORK CORP

	PLACE, JOHN B. M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
PENNEY, J. C., CO., INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BATTEN, WILLIAM M.
	ELLINGHAUS, WILLIAM M.
	CITICORP
	SEIBERT, DONALD VINCENT
	WRISTON, WALTER B.
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	GENERAL ELECTRIC COMPANY
	WRISTON, WALTER B.
	UNION CARBIDE CORPORATION
	JACKSON, JACK B.
	WESTERN ELECTRIC CO., INC.
	KREPS, JUANITA M.
XEROX CORP.	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	MCCARDELL, ARCHIE R.
	CITICORP
	MCCOLOUGH, C. PETER
	CONTINENTAL OIL COMPANY
	MCCARDELL, ARCHIE R.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	BECK, R. A.
LAPHAM, LEWIS A.	CHEMICAL NEW YORK CORPORATION
CHUBB CORPORATION	MOSEBACHER, EMIL, JR.
	CITICORP
	WRISTON, WALTER B.
	EASTERN AIRLINES, INC.
	PHALEN, CLIFTON W.
	GENERAL ELECTRIC COMPANY
	MICHELSON, GERTRUDE G.
	WRISTON, WALTER B.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	SAFEWAY STORES, INC.
	CHUBB, PERCY, III
	MITCHELL, W. S.
CONGOLEUM CORPORATION	SAFEWAY STORES, INC.
	LAPHAM, ROGER D., JR.
	WELLS FARGO AND COMPANY
	LAPHAM, ROGER D., JR.
CRANE CO.	NORFOLK AND WESTERN RAILWAY COMPANY
	SUTPHIN, SAMUEL REID
	SOUTHERN PACIFIC COMPANY
	EVANS, THOMAS M., JR.
FEDERAL INSURANCE CO.	CHEMICAL NEW YORK CORPORATION
	MOSEBACHER, EMIL, JR.
	SAFEWAY STORES, INC.
	CHUBB, PERCY, III
HEINZ, H. J., CO.	GENERAL MOTORS CORP.
	MAYER, JOHN A.
	MELLON NATIONAL CORPORATION
	MAYER, JOHN A.
	RYAN, JOHN T., JR.
	SNYDER, WILLIAM P., III
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	WESTINGHOUSE ELECTRIC CORPORATION
	GOOKIN, R. BURT
MOBIL CORPORATION	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CITICORP
	SHELDON, ELEANOR H. B.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WILLIAMS, ALBERT L.
NORTH AMERICAN PHILLIPS CORP.	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	CHAPMAN, FRANK
	MELLON NATIONAL CORPORATION
	BYROM, FLETCHER L.
	METROPOLITAN LIFE INSURANCE COMPANY
	MASON, BIRNEY, JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	UNION CARBIDE CORPORATION
	MASON, BIRNEY, JR.
LENON, RICHARD A.	CHEMICAL NEW YORK CORPORATION
AMERICAN STANDARD INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKERS TRUST NEW YORK CORP

	MARUSI, AUGUSTINE R.
	WALKEP, WILBERT A.
	CONSUMERS POWER COMPANY
	CUTLER, E. NEWTON, JR.
	MANUFACTURERS HANOVER CORPORATION
	LAPORTE, WILLIAM F.
	SHELL OIL COMPANY
	SPAGHT, MONROE E.
	UNITED STATES STEEL CORPORATION
	WALKER, WILBERT A.
	WINGATE, HENRY S.
FEDERAL PAPER BOARD CO.	
INTERNATIONAL MINERALS & CHEMICAL CORP.	
	CHRYSLER CORPORATION
	COLEMAN, JOHN H.
	KRESGE, S. S., COMPANY
	PURCELL, ROBERT W.
	MELLON NATIONAL CORPORATION
	RYAN, JOHN T., JR.
	UNION PACIFIC CORPORATION
	TAYLOR, VERNON F., JR.
UOP, INC.	CONTINENTAL ILLINOIS CORPORATION
	QUINN, WILLIAM J.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	STEVENSON, ROBERT S.
MAISONROUGE, JACQUES G.	
LIQUID AIR CORP. OF NORTH AMERICA	
PHILLIP MORRIS, INC.	GREAT WESTERN FINANCIAL CORPORATION
	LASKER, EDWARD
MALOZEMOFF, PLATO	
NEWMONT MINING CORP.	INVESTORS DIVERSIFIED SERVICES, INC.
	SILLOWAY, STUART FURBISH
	MASSACHUSETTS FINANCIAL SERVICES, INC.
	MOSES, WILLIAM BRYAN, JR.
MARTING, WALTER A.	
EATON CORP.	DETROIT EDISON COMPANY
	MEESE, WILLIAM G.
	KRESGE, S. S., COMPANY
	GERSTOCKER, CARL A.
	MELLON NATIONAL CORPORATION
	EVANS, RAYMOND F.
NATIONAL CITY CORP.	KRESGE, S. S., COMPANY
	GERSTOCKER, CARL A.
	WELLS FARGO AND COMPANY
	MILLER, PAUL A.
NATIONAL STEEL CORP.	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	GENERAL ELECTRIC COMPANY
	HILLMAN, HENRY L.
	KRESGE, S. S., COMPANY
	BODMAN, HENRY T.
	CUNNINGHAM, HARRY B.
	NATIONAL DETROIT CORPORATION
	BODMAN, HENRY T.
	CUNNINGHAM, HARRY B.
	STINSON, GEORGE A.
MAY, WILLIAM F.	
AMERICAN CAN COMPANY	AMERICAN EXPRESS COMPANY
	ETHERINGTON, EDWIN D.
	WALLACE, MARTHA REDFIELD
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	FEDERATED DEPARTMENT STORES, INC.
	LACHMAN, LAWRENCE
	INTERNATIONAL BUSINESS MACHINES CORP.
	MOORE, WILLIAM H.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BROOKFIELD, DUTTON
	SEARS, ROEBUCK AND CO.
	TELLING, EDWARD R.
JOHNS MANVILLE CORP.	MANUFACTURERS HANOVER CORPORATION
	MUNROE, GEORGE B.
	MORGAN, J. P., AND CO., INC.
	SCHROEDER, JOHN P.
	SOUTHERN PACIFIC COMPANY
	MUNROE, GEORGE B.
NEW YORK TIMES CO	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	SCRANTON, WILLIAM W.
	VANCE, CYRUS R.
MCCULLOUGH, DONALD F.	
COLLINS & AIKMAN CORP.	
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	
	COLUMBIA GAS SYSTEM
	LAIRD, W. FREDERICK
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, MAURICE
	NORTHEAST UTILITIES
	STEIGER, ALBERT E., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKERS TRUST NEW YORK CORP

MELVILLE CORP.
MOORE, WILLIAM H.
AMERICAN CAN COMPANY

AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
WALLACE, MARTHA REDFIELD
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
FEDERATED DEPARTMENT STORES, INC.
LACHMAN, LAWRENCE
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BROOKFIELD, DUTTON
SEARS, ROEBUCK AND CO.
TELLING, EDWARD R.
AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
GULF OIL CORPORATION
PEARSON, NATHAN W.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MELLON NATIONAL CORPORATION
PEARSON, NATHAN W.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
NATIONAL DETROIT CORPORATION
STINSON, GEORGE A.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.

INTERNATIONAL BUSINESS MACHINES CORP.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
GENERAL PUBLIC UTILITIES CORP.
DIEHL, VAL B.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
PRUDENTIAL INSURANCE CO. OF AMERICA
SCHAEFELFLE, ROBERT M.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.

NABISCO, INC.

ROYAL GLOBE INSURANCE COMPANIES
PLIMPTON, CALVIN H., M.D.
COMMONWEALTH FUND
ROONEY, FRANCIS C., JR.
COLLINS & AIKMAN CORP.

MELVILLE CORP.

TAVOULAREAS, WILLIAM P.
GENERAL FOODS CORP.

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.

AMERICAN EXPRESS COMPANY
BORM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BANKERS TRUST NEW YORK CORP.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION
CLARK, HOWARD L.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
MARCOR INC. AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.
MOBIL CORPORATION
DONNELL, EDWARD S.
RIORDAN, JAMES QUENTIN
TUCKER, RICHARD F.
WARNER, RAWLEIGH, JR.
MOBIL CORPORATION AMERICAN EXPRESS COMPANY
CLARK, HOWARD L.
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.
CITICORP
SHELDON, ELEANOR H. B.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
INTERNATIONAL BUSINESS MACHINES CORP.
WILLIAMS, ALBERT L.
THAYER, WALTER N.
DUN AND BRADSTREET COMPANIES, INC.
BRANIFF INTERNATIONAL CORPORATION
THAYER, RUSSELL
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GULF OIL CORPORATION
SINGER, EDWIN
SEABOARD COAST LINE INDUSTRIES, INC.
MCGUIRK, WILLIAM EDWARD, JR.
UNION PACIFIC CORPORATION
EVANS, JAMES H.
INTERNATIONAL HERALD TRIBUNE S. A.
KRAFTCO CORP. AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
POP BANKERS TRUST NEW YORK CORP

MCGILLICUDDY, JOHN F.
ZIFF, GEORGE G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF BETHLEHEM STEEL CORPORATION

BROEKE, BERNARD D.

CORT, STEWART S.

MET-MEX PENOLES S. A.

FOY, LEWIS W.

BRINCO, LTD.

MORGAN, J. P., AND CO., INC.

AETNA LIFE AND CASUALTY COMPANY

SMITH, OLCOTT D.

BURLINGTON NORTHERN, INC.

DAVISON, DANIEL P.

CONTINENTAL CORPORATION, THE

LEACH, RALPH F.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

EASTMAN KODAK COMPANY

FALLON, WALTER A.

FEDERATED DEPARTMENT STORES, INC.

JOHNSON, H. W.

FORD MOTOR CO.

BURGESS, CARTER L.

GENERAL ELECTRIC COMPANY

AUSTIN, J. PAUL

DICKEY, CHARLES D., JR.

PRESTON, LEWIS T.

GENERAL MOTORS CORP.

FALLON, WALTER A.

MORGENS, HOWARD J.

PATTERSON, ELLMORE C.

INTERNATIONAL BUSINESS MACHINES CORP.

CARY, FRANK T.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

JOHNSON, H. W.

METROPOLITAN LIFE INSURANCE COMPANY

HOUGHTON, J. R.

MISSOURI PACIFIC CORPORATION

SHAPLEIGH, WARREN M.

NEW YORK LIFE INSURANCE COMPANY

BROWN, R. MANNING, JR.

PROCTER AND GAMBLE COMPANY

MORGENS, HOWARD J.

PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.

SANTA FE INDUSTRIES, INC.

PATTERSON, ELLMORE C.

SEARS, ROEBUCK AND CO.

SHULTZ, GEORGE P.

SOUTHERN RAILWAY COMPANY

LEACH, RALPH F.

UNION CARBIDE CORPORATION

BROWN, R. MANNING, JR.

WESTERN ELECTRIC CO., INC.

PROCKNOW, DONALD E.

GANZELL, CHARLES W.

JENKINS, GEORGE P.

AMERICAN BROADCASTING COMPANIES

MANUFACTURERS HANOVER CORPORATION

MACIOCE, THOMAS M.

BLOOMFIELD SAVINGS BANK

CITIBANK, N. A.

INTERNATIONAL BUSINESS MACHINES CORP.

WILLIAMS, ALBERT L.

MOBIL CORPORATION

WILLIAMS, ALBERT L.

CITICORP

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DEBUTTS, JOHN D.

CBS, INC.

THOMAS, FRANKLIN A.

DUPONT, E. I., DE NEMOURS AND CO.

SHAPIRO, IRVING S.

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

EQUITABLE LIFE ASSURANCE

SHELDON, ELEANOR H. B.

EXXON CORPORATION

GARVIN, CLIFTON C., JR.

GRAY, HARRY J.

FORD MOTOR CO.

OELMAN, ROBERT S.

GENERAL ELECTRIC COMPANY

WRISTON, WALTER B.

GENERAL MOTORS CORP.

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

INTERNATIONAL BUSINESS MACHINES CORP.

HOUGHTON, AMORY, JR.

SHAPIRO, IRVING S.

MOBIL CORPORATION

SHELDON, ELEANOR H. B.

NEW YORK LIFE INSURANCE COMPANY

THOMAS, FRANKLIN A.

PENNEY, J. C., CO., INC.

SEIBERT, DONALD VINCENT

WRISTON, WALTER B.

PROCTER AND GAMBLE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BETHLEHEM STEEL CORPORATION

OELMAN, ROBERT S.
 PCA CORP.
 FOURAKER, LAWRENCE E.
 SEARS, ROEBUCK AND CO.
 SPENCER, WILLIAM I.
 SOUTHERN PACIFIC COMPANY
 HANLEY, JAMES W.
 STANDARD OIL COMPANY OF CALIFORNIA
 HAYNES, HAROLD J.
 PIGOTT, CHARLES M.
 UNION PACIFIC CORPORATION
 BARNETT, FRANK E.
 PALMER, EDWARD LEWIS
 UNITED STATES STEEL CORPORATION
 DEBUTTS, JOHN D.
 WESTINGHOUSE ELECTRIC CORPORATION
 MILLIKEN, ROGER
 GRACE, W. R., AND CO.
 CITICORP
 GRACE, J. PETER
 MILLIKEN, ROGER
 COMMONWEALTH EDISON
 PRINCE, WILLIAM WOOD
 EASTERN AIRLINES, INC.
 PHALEN, CLIFTON W.
 PRINCE, WILLIAM WOOD
 FIRST CHICAGO CORPORATION
 PRINCE, WILLIAM WOOD
 FIRST NATIONAL BOSTON CORP.
 POSTER, RAYMOND C.
 MARINE MIDLAND BANKS, INC.
 LARKIN, FELIX E.
 OWENS, CORNELIUS W.
 TRANSAMERICA CORPORATION
 SHUMWAY, FORREST NELSON
 WESTINGHOUSE ELECTRIC CORPORATION
 MILLIKEN, ROGER
 METROPOLITAN LIFE INSURANCE COMPANY
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 CHARTER NEW YORK CORP.
 SMILEY, DONALD B.
 CHASE MANHATTAN CORP.
 SHINN, RICHARD R.
 CHEMICAL NEW YORK CORPORATION
 FUNSTON, G. KEITH
 PLACE, JOHN B. M.
 COMMONWEALTH EDISON
 JOHNSON, G. E.
 CONSOLIDATED EDISON CO OF NEW YORK
 LUCE, CHARLES F.
 CROCKER NATIONAL CORPORATION
 SOLOMON, EMMETT G.
 EASTMAN KODAK COMPANY
 WALLIS, W. ALLEN
 EXXON CORPORATION
 PETERSON, MARTHA E.
 FIRST CHICAGO CORPORATION
 SIVAGE, GERALD A.
 GENERAL MOTORS CORP.
 MCLAUGHLIN, W. EARLE
 SIVAGE, GERALD A.
 GOODYEAR TIRE AND RUBBER COMPANY
 HARPER, JOHN DICKESON
 INTERNATIONAL BUSINESS MACHINES CORP.
 FUNSTON, G. KEITH
 MELLON NATIONAL CORPORATION
 HARPER, JOHN DICKESON
 MORGAN, J. P., AND CO., INC.
 HOUGHTON, J. R.
 NORTHWEST AIRLINES, INC.
 LAIRD, M. R.
 PACIFIC GAS AND ELECTRIC COMPANY
 SOLOMON, EMMETT G.
 PHILLIPS PETROLEUM COMPANY
 LAIRD, M. R.
 PROCTER AND GAMBLE COMPANY
 HARPER, JOHN DICKESON
 RCA CORP.
 SMILEY, DONALD B.
 UAL, INC.
 LUCE, CHARLES F.
 UNION CARBIDE CORPORATION
 MASON, BIRNEY, JR.
 SNEATH, WILLIAM S.
 UNITED STATES STEEL CORPORATION
 SMILEY, DONALD B.
 ST. REGIS PAPER CO.
 LEWIS, W. DEMING
 FAIRCHILD INDUSTRIES, INC.
 PENNSYLVANIA POWER & LIGHT
 MCCOY, CHARLES B.
 DIAMOND STATE TELEPHONE CO.
 DUPONT, E. I., DE NEMOURS AND CO.
 TEXACO, INC.
 MOOPER, ADMIRAL THOMAS H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BETHLEHEM STEEL CORPORATION

	AMERICAN STORES COMPANY
	HECKERT, RICHARD E.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BROWN, CHARLES L.
	BANKAMERICA CORPORATION
	BRIMMER, ANDREW F.
	CHEMICAL NEW YORK CORPORATION
	BROWN, CHARLES L.
	CITICORP
	SHAPIRO, IRVING S.
	CONTINENTAL OIL COMPANY
	JONES, GILBERT E.
	FEDERATED DEPARTMENT STORES, INC.
	JOHNSON, H. W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	JONES, GILBERT E.
	SHAPIRO, IRVING S.
	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	JOHNSON, H. W.
	MORGAN, J. P., AND CO., INC.
	JOHNSON, H. W.
	UAL, INC.
	BRIMMER, ANDREW F.
TRW, INC.	DETROIT EDISON COMPANY
	BACHER, ROBERT F.
	EASTMAN KODAK COMPANY
	ZORNOW, GERALD B.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	MARINE MIDLAND BANKS, INC.
	ZORNOW, GERALD B.
	FROCTER AND GAMBLE COMPANY
	SHEPARD, HORACE A.
	SEARS, ROEBUCK AND CO.
	METCALF, GORDON M.
WILMINGTON TRUST CO.	DUPONT, E. I., DE NEMOURS AND CO.
	DUPONT, IRENEE, JR.
	SHARP, HUGH R., JR.
PATTERSON, ELLMORE C.	
ATCHINSON, TOPEKA & SANTA FE RAILWAY CO.	AMERICAN AIR LINES, INC.
CANADA LIFE ASSURANCE CO.	LEITCH, JOHN D.
	GULF OIL CORPORATION
	MATTHEWS, BEVERLY
FEDERAL RESERVE BANK OF NEW YORK	
	METROPOLITAN LIFE INSURANCE COMPANY
	SNEATH, WILLIAM S.
	UNION CARBIDE CORPORATION
	SNEATH, WILLIAM S.
GENERAL MOTORS CORP.	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	CITICORP
	DEBUTTS, JOHN D.
	HATFIELD, ROBERT S.
	DETROIT EDISON COMPANY
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	EASTMAN KODAK COMPANY
	FALLON, WALTER A.
	HATFIELD, ROBERT S.
	FIRST CHICAGO CORPORATION
	SIVAGE, GERALD A.
	MELLON NATIONAL CORPORATION
	MAYER, JOHN A.
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
	SIVAGE, GERALD A.
	MORGAN, J. P., AND CO., INC.
	FALLON, WALTER A.
	MORGENS, HOWARD J.
	NATIONAL DETROIT CORPORATION
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	CLEARY, CATHERINE B.
	FROCTER AND GAMBLE COMPANY
	MORGENS, HOWARD J.
	UNITED STATES STEEL CORPORATION
	EPANCH, HARLEE, JR.
	DEBUTTS, JOHN D.
MORGAN, J. P., AND CO., INC.	AETNA LIFE AND CASUALTY COMPANY
	SMITH, OLCOTT D.
	BURLINGTON NORTHERN, INC.
	DAVISON, DANIEL P.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BETHLEHEM STEEL CORPORATION

CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
AMERICAN ELECTRIC POWER COMPANY, INC.
ZWIENER, KENNETH V.
FIRST CHICAGO CORPORATION
WOELFLE, ARTHUR W.
INTERNATIONAL HARVESTER COMPANY
RATTALIATA, JOHN T.
UNION OIL COMPANY OF CALIFORNIA
HALE, PRENTIS C.
WESTERN ELECTRIC CO., INC.
LAWRENCE, JOHN L.
RATTALIATA, JOHN T.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MC Laughlin, W. EARLE
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
MC Laughlin, W. EARLE
SIVAGE, GERALD A.

SANTA FE INDUSTRIES, INC.

STANDARD BRANDS, INC.

REED, ALBERT M.
RITTERHOFF, C. WILLIAM
SMITH, RICHARD M.
GIRARD CO.

STOTT, C. THOMPSON
WEST, FREDERIC W., JR.
WRIGHT, JOSEPH S.
COMMONWEALTH EDISON

GENERAL MOTORS CORP.
SULLIVAN, LEON H.

CONTINENTAL ILLINOIS CORPORATION
COREY, GORDON R.
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
METROPOLITAN LIFE INSURANCE COMPANY
JOHNSON, G. E.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN

CONTINENTAL ILLINOIS CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
COMMONWEALTH EDISON
COREY, GORDON R.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
INTERNATIONAL HARVESTER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BETHLEHEM STEEL CORPORATION

	ANDERSON, ROGER E.
	POTTER, KEITH R.
	SEARS, ROEBUCK AND CO.
	WOOD, ARTHUR M.
	STANDARD OIL COMPANY OF INDIANA
	MALCOTT, ROBERT H.
	YARRINGTON, BLAINE J.
	TRANS WORLD AIRLINES, INC.
	LAFONTANT, JEWEL S.
STANDARD OIL COMPANY OF INDIANA	
	CHASE MANHATTAN CORP.
	SWEARINGEN, JOHN E.
	CHEMICAL NEW YORK CORPORATION
	WOOD, RICHARD D.
	CONTINENTAL ILLINOIS CORPORATION
	MALOTT, ROBERT H.
	YARRINGTON, BLAINE J.
	FIRST CHICAGO CORPORATION
	ABBOUD, ROBERT A.
SUNBEAM CORP.	FIRST CHICAGO CORPORATION
	GREY, JOHN D.
	GWINN, ROBERT P.
ZENITH RADIO CORP.	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	NEVIN, JOHN J.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BRANIFF INTERNATIONAL CORPORATION

BASS, PERRY R.
CALIFORNIA WINDSOR CORP.
PERRY R. BASS, INC.
TEXAS AMERICAN BANCSHARES INC.

CASEY, JOHN J.
EXCHANGE BANK & TRUST CO.

FRAYN, R. MORT, JR.
FRAYN PRINTING CO.

GAYLER, NOEL
LASKER, ALBERT D. (MRS.)
LAWRENCE, HARDING L.
FIRST INTERNATIONAL BANKSHARES INC.
DUKE POWER CO
LAY, HERMAN W.

KING RESOURCES COMPANY

LAY, HERMAN W.
DUKE POWER CO
SEABOARD COAST LINE INDUSTRIES, INC.
MICKEL, BUCK

FIRST INTERNATIONAL BANKSHARES INC.
PEPSICO INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
CHEMICAL NEW YORK CORPORATION
LEARSON, T. VINCENT
CITICORP
GARVIN, CLIFTON C., JR.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GENERAL MOTORS CORP.
ROCHE, JAMES M.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
LEARSON, T. VINCENT
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
KENDALL, DONALD M.

SOUTHERN LIFE CORP.
THIRD NATIONAL BANK IN NASHVILLE
SEABOARD COAST LINE INDUSTRIES, INC.
FLEMING, SAM M.

MCCOLLUM, LEONARD F., JR.
BROWNING FERRIS INDUSTRIES INC.
FEDERATED CAPITAL CORP.

MCCREA, W. SLOAN
PAN AMERICAN BANCSHARES, INC.
WILSON, EARL V., CO.

POST, TROY V.
TROY POST CORP.
WELLS RICH GREENE INC.

STEWART, ROBERT H., III
CAMPBELL TAGGART INC.
DALLAS POWER AND LIGHT CO.
TEXAS UTILITIES COMPANY
AUSTIN, T. L., JR.
FARRINGTON, J. S.
TURNER, L.S., JR.

FIRST INTERNATIONAL BANKSHARES INC.
DUKE POWER CO
LAY, HERMAN W.

FIRST NATIONAL BANK IN DALLAS
DUKE POWER CO
OVERCASH, REECE A., JR.

NATIONAL CHEMSEARCH CORP.
PEPSICO INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
CHEMICAL NEW YORK CORPORATION
LEARSON, T. VINCENT
CITICORP
GARVIN, CLIFTON C., JR.
DUKE POWER CO
LAY, HERMAN W.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GENERAL MOTORS CORP.
ROCHE, JAMES M.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
LEARSON, T. VINCENT
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
KENDALL, DONALD M.

SOUTHWESTERN LIFE CORP.
STRAUSS, ROBERT S.
AKIN, GUMP, AND STRAUSS
THAYER, RUSSELL
DUN AND BRADSTREET COMPANIES, INC.
BANKERS TRUST NEW YORK CORP
BROOKS, JOHN W.
THAYER, WALTER N.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BRANIFF INTERNATIONAL CORPORATION
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GULF OIL CORPORATION
SINGER, EDWIN
SEABOARD COAST LINE INDUSTRIES, INC.
MCGUIRK, WILLIAM EDWARD, JR.
UNION PACIFIC CORPORATION
EVANS, JAMES H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BURLINGTON NORTHERN, INC.

ALWORTH, ROYAL D., JR.
ATLANTA LASALLE CORP
MCGRAW EDISON CO.

ONEIDA REALTY CO.
BUDD, J. M.
MARSHALL FIELD & CO.

CONTINENTAL ILLINOIS CORPORATION
MITCHELL, MARVIN G.

COMMONWEALTH EDISON
ALLARD, JEAN
DICK, ALBERT BLAKE, III
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
SMITH, HAROLD BYRON, JR.
STANDARD OIL COMPANY OF INDIANA
BURNHAM, JOSEPH A.
WESTINGHOUSE ELECTRIC CORPORATION
BERCHER, HARRY O.

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

DAVISON, DANIEL P.
MORGAN, J. P., AND CO., INC.

AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BURLINGTON NORTHERN, INC.

	PRUDENTIAL INSURANCE CO. OF AMERICA
	PROCKNOW, DONALD E.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
	SEARS, ROEBUCK AND CO.
	SHULTZ, GEORGE P.
	SOUTHERN RAILWAY COMPANY
	LEACH, RALPH F.
	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
	WESTERN ELECTRIC CO., INC.
	PROCKNOW, DONALD E.
NORTHWESTERN STATES PORTLAND CEMENT CO.	
DAYTON, DONALD C.	
DAYTON-HUDSON CORP.	
	DETROIT EDISON COMPANY
	HUDSON, JOSEPH L., JR.
	FIRST BANK SYSTEM, INC.
	NASON, PHILIP H.
	GENERAL MOTORS CORP.
	KEHRL, HOWARD H.
	NATIONAL DETROIT CORPORATION
	HUDSON, JOSEPH L., JR.
	NORTHWEST BANCORPORATION
	SPOOR, WILLIAM H.
DEVENS, CHARLES	
PROWENT INSTITUTION FOR SAVINGS	
DOWNING, ROBERT W.	
NORTHWEST BANCORPORATION	
	INTERNATIONAL HAPVESTER COMPANY
	SPENCER, EDSON W.
	NORTHWEST AIRLINES, INC.
	MCNEELEY, DONALD G.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BEMIS, JUDSON
	TENNECO, INC.
	HANCOCK, THOMAS
DRISCOLL, W. JOHN	
COM SHARE INC.	
FIRST MIDWEST CORP.	
GREEN VALLEY HOLDING CO.	
MERIDIAN INVESTING & DEVELOPMENT CORP.	
HENDRICKSON, ROBERT M.	
CROWN ZELLERBACH CORP.	
	CONSOLIDATED EDISON CO OF NEW YORK
	MUMFORD, MILTON C.
	EQUITABLE LIFE ASSURANCE
	MUMFORD, MILTON C.
	PACIFIC GAS AND ELECTRIC COMPANY
	DARL, C. RAYMOND
	UNION PACIFIC CORPORATION
	ROTH, ROBERT W.
	WESTERN BANCORPORATION
	ROTH, ROBERT W.
EQUITABLE LIFE ASSURANCE	
	AMERICAN AIR LINES, INC.
	BURR, FRANCIS H.
	FLEISCHMANN, MANLY
	CHASE MANHATTAN CORP.
	EKLUND, C. G.
	CITICORP
	SHELDON, ELEANOR H. B.
	CONSOLIDATED EDISON CO OF NEW YORK
	MUMFORD, MILTON C.
	CONTINENTAL OIL COMPANY
	BUEK, C. W.
	EXXON CORPORATION
	JAMIESON, J. K.
	FORD MOTOR CO.
	WHARTON, CLIFTON R.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	AGEE, WILLIAM M.
	MELLON NATIONAL CORPORATION
	FISHER, A. W.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	WOOLWORTH, F. W., CO.
	JAMES, GEORGE F.
EQUITABLE LIFE MORTGAGE & REALTY INVESTO	
HUTCHINSON, PEMBERTON	
GENERAL COAL CO.	
LORENTZSEN, NORMAN M.	
MCCALLUM, W. WALLACE	
MCCALLUM, W. W., AND ASSOCIATES	
MENK, LOUIS W.	
ASARCO, INC.	
	CHASE MANHATTAN CORP.
	BARBER, CHARLES F.
	BUTCHER, WILLARD C.
	CONTINENTAL CORPORATION, THE
	BARBER, CHARLES F.
	SOUTHERN RAILWAY COMPANY
	BOND, WILLIAM ROBERT
FIRST BANK SYSTEM, INC.	
	NORTHWEST AIRLINES, INC.
	HERZOG, RAYMOND H.
	NYROP, DONALD W.
	UNITED STATES STEEL CORPORATION
	HERZOG, RAYMOND H.
FIRST CHICAGO CORPORATION	
	ATLANTIC RICHFIELD COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BURLINGTON NORTHERN, INC.

ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
MORGAN, LEE L.
COMMONWEALTH EDISON
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.
UAL, INC.
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
GENERAL MOTORS CORP.
TERRELL, RICHARD L.
NORTHWEST BANCORPORATION
MORRISON, JOHN W.
PRUDENTIAL INSURANCE CO. OF AMERICA
MCFARLAND, JAMES P.

GENERAL MILLS, INC.

GREAT MIDWEST CORP
INTERNATIONAL HARVESTER COMPANY
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
COMMONWEALTH EDISON
MCCORMICK, BROOKS
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
POTTER, KEITH R.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
FIRST CHICAGO CORPORATION
MCCORMICK, BROOKS
NORTHWEST BANCORPORATION
SPENCER, EDSON W.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
UAL, INC.
BRIMMER, ANDREW F.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.
MINNESOTA MUTUAL LIFE INS. CO.
FIRST BANK SYSTEM, INC.
NYROP, DONALD W.
NORTHWEST AIRLINES, INC.
NYROP, DONALD W.

NASON, PHILIP H.
CENTRAL RESEARCH LABORATORIES, INC.
DAYTON-HUDSON CORP.
DETROIT EDISON COMPANY
HUDSON, JOSEPH L., JR.
GENERAL MOTORS CORP.
KEHRL, HOWARD H.
NATIONAL DETROIT CORPORATION
HUDSON, JOSEPH L., JR.
NORTHWEST BANCORPORATION
SPOOR, WILLIAM H.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
NYROP, DONALD W.
UNITED STATES STEEL CORPORATION
HERZOG, RAYMOND H.

FIRST BANK SYSTEM, INC.

GREEN GIANT CO.
SPH HOTEL CO.
TORO MANUFACTURING CORP.
PRUDENTIAL INSURANCE CO. OF AMERICA
MCFARLAND, JAMES P.

PARKER, PAUL H.
EQUITABLE OF IOWA
FARMERS & MECHANICS SAVINGS BANK
GENERAL MILLS, INC.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
GENERAL MOTORS CORP.
TERRELL, RICHARD L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR BURLINGTON NORTHERN, INC.

KAHLER CORP.

REED, WILLIAM G.
BOEING CO.

SEAFIRST, INC.
SIMPSON, REED, AND CO.
ROCKWELL, BRUCE M.
COLORADO & SOUTHERN RAILROAD
COLORADO NATIONAL BANKSHARES, INC.

MOUNTAIN BELL TELEPHONE CO.
SMITH, JOHN F., JR.
SMITH, JOHN F., JR.
INLAND STEEL CO.

LINCOLN NATIONAL DIRECT PLACEMENT FUND, INC.
TECHNIQUES, INC.
WILSON, ROBERT B.
EQUITY MANAGEMENT CO.
MISSISSIPPI POWER & LIGHT CO.

UNITED STATES BANCORP

WEYERHAUSER COMPANY

INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
NORTHWEST BANCORPORATION
MORRISON, JOHN W.
PRUDENTIAL INSURANCE CO. OF AMERICA
MCFARLAND, JAMES P.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
SCHUSTER, GERALD S.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
CITICORP
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.

PETRY, NICHOLAS R.
UNION PACIFIC CORPORATION
GRANT, WILLIAM D.
TAYLOR, VERNON F., JR.

CONTINENTAL ILLINOIS CORPORATION
TENENBAUM, MICHAEL
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
FIRST CHICAGO CORPORATION
ABBOD, ROBERT A.
JAICKS, FREDERICK G.
GENERAL ELECTRIC COMPANY
HOVDE, FREDERICK L.
STANDARD OIL COMPANY OF INDIANA
ABBOD, ROBERT A.

MIDDLE SOUTH UTILITIES, INC.
PERCY, LEROY P.
SOUTHERN COMPANY
DANIEL, VICTOR J., JR.
DANTZLER, ALFRED F.
SECURITY PACIFIC CORP.
VON HAGEN, RICHARD R.
SOUTHERN CALIFORNIA EDISON COMPANY
VON HAGEN, RICHARD R.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
EQUITABLE LIFE ASSURANCE
MILLER, O. N.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CAPITAL RESEARCH MANAGEMENT COMPANIES
CODY, ROBERT LESTER
EGLESTON, ROBERT BURNLEY
FULLERTON, JAMES DAVID
HINSHAW, ERNEST THEODORE, JR.
NEWTON, WILLIAM CORNELIUS
SCHOW, HOARD BERNARD

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CATERPILLAR TRACTOR COMPANY

BLACKIE, WILLIAM
AMPEX CORP.

GENESCO INC.
SHELL OIL COMPANY

FONDAHL, JOHN W.
SCOTT CO. OF CALIFORNIA
FRANKLIN, WILLIAM H.
EXXON CORPORATION

GULF OIL CORPORATION
PEARSON, NATHAN W.
MELLON NATIONAL CORPORATION
PEARSON, NATHAN W.

CHARTER NEW YORK CORP.
BOOKOUT, JOHN F.
PACIFIC GAS AND ELECTRIC COMPANY
DE BRETTEVILLE, CHARLES
SAFeway STORES, INC.
DE BRETTEVILLE, CHARLES

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
CHASE MANHATTAN CORP.
KAUFFMAN, HOWARD C.
CHEMICAL NEW YORK CORPORATION
PIERCY, GEORGE T.
CITICORP
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
EQUITABLE LIFE ASSURANCE
JAMIESON, J. K.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
PROCTER AND GAMBLE COMPANY
HARNES, EDWARD G.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.

GILMORE, R. E.
PEORIA & TOLEDO, PEORIA & WESTERN RAILROAD CO.
SECURITY SAVINGS AND LOAN ASSOC.

GRANT, V. V.
FIRST UNION BANCORPORATION, INC.

GENERAL TELEPHONE CO OF ILL.
PROSPECT NATIONAL BANK

INGERSOLL, ROBERT S.
ATLANTIC RICHFIELD COMPANY

MISSOURI PACIFIC CORPORATION
KNIGHT, CHARLES F.

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
CBS, INC.
STANTON, FRANK
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
FIRST CHICAGO CORPORATION
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
PAN AMERICAN WORLD AIRWAYS, INC.
KENDALL, DONALD M.
STANTON, FRANK
RCA CORP.

BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.

BORG WAFNER CORP.

BRADSHAW, THORNTON F.
CONTINENTAL ILLINOIS CORPORATION
KARNES, WILLIAM G.
FIRST CHICAGO CORPORATION
GRAHAM, WILLIAM B.
GWINN, ROBERT P.

FIRST CHICAGO CORPORATION

ATLANTIC RICHFIELD COMPANY
ANDERSON, ROBERT O.
FREEMAN, GAYLORD

BURLINGTON NORTHERN, INC.
MENK, LOUIS W.

COMMONWEALTH EDISON
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN

EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD

FIRST BANK SYSTEM, INC.
MENK, LOUIS W.

GENERAL MOTORS CORP.
SIVAGE, GERALD A.

INTERNATIONAL HARVESTER COMPANY.
MCCORMICK, BROOKS
MENK, LOUIS W.

METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.

SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.

SEAFS, ROEBUCK AND CO.
AYERS, THOMAS G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CATERPILLAR TRACTOR COMPANY

	SWIFT, A. DEAN
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
	UAL, INC.
	CARLSON, EDWARD E.
	STUART, ROBERT D., JR.
HONEYWELL, INC.	CHASE MANHATTAN CORP.
	BINGER, JAMES H.
	FIRST BANK SYSTEM, INC.
	NYROP, DONALD W.
	SPANGLE, CLARENCE W.
	FIRST NATIONAL BOSTON CORP.
	CHARPIE, ROBERT A.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	NYROP, DONALD W.
	NORTHWEST BANCORPORATION
	SPOOR, WILLIAM H.
KRAFTCO CORP.	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	BANKERS TRUST NEW YORK CORP
	THAYER, WALTER N.
	CITICORP
	DEBUTTS, JOHN D.
	CONTINENTAL CORPORATION, THE
	ZIFF, GEORGE G.
	FIRST CHICAGO CORPORATION
	WOELFLE, ARTHUR W.
	GENERAL MOTORS CORP.
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MCGILLICUDDY, JOHN F.
	ZIFF, GEORGE G.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	CLEARY, CATHERINE B.
	SANTA FE INDUSTRIES, INC.
	WOELFLE, ARTHUR W.
	SEARS, ROEBUCK AND CO.
	BEERS, WILLIAM O.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
	DEBUTTS, JOHN D.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
WEYERHAUSER COMPANY	BURLINGTON NORTHERN, INC.
	WILSON, ROBERT B.
	EQUITABLE LIFE ASSURANCE
	MILLER, O. N.
MARTIN, WILLIAM MCCHESENEY, JR.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AMERICAN EXPRESS COMPANY	WARNER, RAWLEIGH, JR.
	CHASE MANHATTAN CORP.
	FURLAUD, RICHARD M.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	WARNER, RAWLEIGH, JR.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	CONTINENTAL OIL COMPANY
	MCCARDELL, ARCHIE R.
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	WARNER, RAWLEIGH, JR.
	TEXACO, INC.
	ROOSA, ROBERT V.
	UNION PACIFIC CORPORATION
	ROBINSON, JAMES D., III
DOW JONES AND CO., INC.	GENERAL ELECTRIC COMPANY
	AUSTIN, J. PAUL
	MOBIL CORPORATION
	RIORDAN, JAMES QUENTIN
	MORGAN, J. P., AND CO., INC.
	AUSTIN, J. PAUL
	SEARS, ROEBUCK AND CO.
	MEYER, CHARLES A.
ELI LILLY & CO.	CHEMICAL NEW YORK CORPORATION
	WOOD, RICHARD D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WILLIAMS, ALBERT L.
	MOBIL CORPORATION
	WILLIAMS, ALBERT L.
	STANDARD OIL COMPANY OF INDIANA
	WOOD, RICHARD D.
FREEPORT MINERALS CO.	CHEMICAL NEW YORK CORPORATION
	BERKELEY, NORBORNE, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CATERPILLAR TRACTOR COMPANY
GENERAL FOODS CORP.

AMERICAN EXPRESS COMPANY
SCHM, MAGNUS P.
CLARK, HOWARD L.
MCCARDLELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY P.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDLELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER S.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOF, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
HOLLAND, JEROME HEARTWELL

INTERNATIONAL BUSINESS MACHINES CORP.

BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. WEITH
LEARSON, T. VINCENT
CITICORP
BOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
PIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT S.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT S.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. WEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.

ROYAL DUTCH PETROLEUM CO.

SHELL OIL COMPANY
DE BRUYNE, D.
SPAGHT, MONROE E.

SCANDINAVIAN SECURITIES CORP.

CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.

UNITED STATES STEEL CORPORATION

AETNA LIFE AND CASUALTY COMPANY
FILEP, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR S.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERDROG, RAYMOND H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CATERPILLAR TRACTOR COMPANY

GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

MORGAN, LEE I.
CENTRAL ILLINOIS LIGHT CO.
COMMERCIAL NATIONAL CORP.
FIRST CHICAGO CORPORATION

ATLANTIC RICHFIELD COMPANY
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
COMMONWEALTH EDISON
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
MENK, LOUIS W.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.
UAL, INC.
CARLSON, EDWARD E.
STUART, ROBERT D., JR.

MINNESOTA MINING & MANUFACTURING CO.
CHASE MANHATTAN CORP.
BINGER, JAMES H.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
HERZOG, RAYMOND H.
UNITED STATES STEEL CORPORATION
HERZOG, RAYMOND H.

NAUMANN, WILLIAM L.
ABEX CORPORATION

IC INDUSTRIES, INC.

CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH

JEFFERSON TRUST & SAVINGS BANK OF PEORIA
PERKIN NATIONAL BANK
PACKARD, DAVID
HEWLETT PACKARD CORP.

CHASE MANHATTAN CORP.
HEWLETT, WILLIAM R.
CHRYSLER CORPORATION
HEWLETT, WILLIAM R.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
SAFEWAY STORES, INC.
ARBuckle, ERNEST C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CATERPILLAR TRACTOR COMPANY

WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.

STANDARD OIL COMPANY OF CALIFORNIA
BANKAMERICA CORPORATION
GRAY, JOHN R.
CITICORP
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
WESTERN BANCORPORATION
KELLER, GEORGE M.

TRANS WORLD AIRLINES, INC.
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
PROCTER AND GAMBLE COMPANY
MCGHEE, GEORGE C.
WESTERN BANCORPORATION
THORTON, CHARLES B.

SCRIVENER, ROBERT CARLTON
BELL CANADA
AMERICAN EXPRESS COMPANY
RAMINSKY, LOUIS
CHRYSLER CORPORATION
DEGRANDPRE, A. JEAN
METROPOLITAN LIFE INSURANCE COMPANY
ROBARTS, JOHN PARMENTER

CANADA STEAMSHIP LINES, LTD.
CANADIAN IMPERIAL BANK OF COMMERCE
AMERICAN AIR LINES, INC.
LEITCH, JOHN D.
METROPOLITAN LIFE INSURANCE COMPANY
ROBARTS, JOHN PARMENTER

HIRAM-WALKER-GOODERHAM & WARTS, LTD.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
CONTINENTAL CORPORATION, THE
LAMBERT, ALLEN T.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
CHRYSLER CORPORATION
DEGRANDPRE, A. JEAN
CONSOLIDATED FREIGHTWAYS, INC.
YOUNG, W. MAURICE
SAFEWAY STORES, INC.
YOUNG, W. MAURICE

NORTHERN TELECOM LIMITED
POWER CORPORATION
UNITED STATES STEEL CORPORATION
AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
FCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

WARNER, RAWLEIGH, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOF CATERPILLAR TRACTOR COMPANY
 AMERICAN EXPRESS COMPANY

CHASE MANHATTAN CORP.
 FURLAUD, RICHARD M.
 CHEMICAL NEW YORK CORPORATION
 WALLACE, MARTHA REDFIELD
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ETHERINGTON, EDWIN D.
 CONTINENTAL OIL COMPANY
 MCCARDELL, ARCHIE R.
 GENERAL ELECTRIC COMPANY
 HENLEY, HENRY H., JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 MANUFACTURERS HANOVER CORPORATION
 HENLEY, HENRY H., JR.
 MOBIL CORPORATION
 CLARK, HOWARD L.
 TEXACO, INC.
 ROOSA, ROBERT V.
 UNION PACIFIC CORPORATION
 ROBINSON, JAMES D., III
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.

AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
 AMERICAN EXPRESS COMPANY
 ETHERINGTON, EDWIN D.
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ETHERINGTON, EDWIN D.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 CHEMICAL NEW YORK CORPORATION
 BROWN, CHARLES L.
 CHRYSLER CORPORATION
 HOLLAND, JEROME HEARTWELL
 CITICORP
 DEBUTTS, JOHN D.
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEFOME HEARTWELL
 CONTINENTAL ILLINOIS CORPORATION
 HEWITT, WILLIAM A.
 CONTINENTAL OIL COMPANY
 HEWITT, WILLIAM A.
 DUPONT, E. I., DE NEMOURS AND CO.
 BROWN, CHARLES L.
 EXXON CORPORATION
 MACNAUGHTON, DONALD S.
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 GENERAL MOTORS CORP.
 CLEARY, CATHERINE B.
 DEBUTTS, JOHN D.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 HANIFY, EDWARD B.
 MANUFACTURERS HANOVER CORPORATION
 HOLLAND, JEROME HEARTWELL
 LINDHOLM, WILLIAM L.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 CLEARY, CATHERINE B.
 PENNEY, J. C., CO., INC.
 BATTEN, WILLIAM M.
 ELLINGHAUS, WILLIAM M.
 PROCTER AND GAMBLE COMPANY
 SPEER, EDGAR B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 MACNAUGHTON, DONALD S.
 SOUTHERN CALIFORNIA EDISON COMPANY
 CARTER, EDWARD W.
 SOUTHERN RAILWAY COMPANY
 DAVIS, ARCHIE K.
 TEXACO, INC.
 MCGILL, WILLIAM J. (DR.)
 UNION CARBIDE CORPORATION
 HOLLAND, JEROME HEARTWELL
 UNITED STATES STEEL CORPORATION
 DEBUTTS, JOHN D.
 SPEER, EDGAR B.
 WESTERN BANCORPORATION
 CARTER, EDWARD W.

CHEMICAL NEW YORK CORPORATION AMERICAN EXPRESS COMPANY
 WALLACE, MARTHA REDFIELD
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BROWN, CHARLES L.
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 CONSOLIDATED EDISON CO OF NEW YORK
 RENCHARD, WILLIAM S.
 WILLIAMS, FRANKLIN H.
 DUPONT, E. I., DE NEMOURS AND CO.
 BROWN, CHARLES L.
 EXXON CORPORATION
 PIERCY, GEORGE T.
 GENERAL ELECTRIC COMPANY
 HILLMAN, HENRY L.
 INTERNATIONAL BUSINESS MACHINES CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CATERPILLAR TRACTOR COMPANY

	FUNSTON, G. KEITH
	LEAPSON, T. VINCENT
	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	NEW YORK LIFE INSURANCE COMPANY
	PIVIROTT, RICHARD R.
	PENCHARD, WILLIAM S.
	SEABOARD COAST LINE INDUSTRIES, INC.
	RICE, WILLIAM THOMAS
	SEARS, ROEBUCK AND CO.
	BUTTON, JAMES W.
	STANDARD OIL COMPANY OF INDIANA
	WOOD, RICHARD D.
	UNITED STATES STEEL CORPORATION
	WALKER, WILBERT A.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
MARCOR INC.	BANKERS TRUST NEW YORK CORP
	TAVOULAREAS, WILLIAM P.
	MOBIL CORPORATION
	DONNELL, EDWARD S.
	RIORDAN, JAMES QUENTIN
	TAVOULAREAS, WILLIAM P.
	TUCKER, RICHARD F.
MOBIL CORPORATION	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	TAVOULAREAS, WILLIAM P.
	CITICORP
	SHELDON, ELEANOR H. B.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WILLIAMS, ALBERT L.
TIME, INC.	ATLANTIC RICHFIELD COMPANY
	FREEMAN, GAYLORD
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	FIRST CHICAGO CORPORATION
	FREEMAN, GAYLORD
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
	WATSON, THOMAS J., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CBS, INC.

BACKE, JOHN D.

BROWN, COURTNEY C.

ASSOCIATED DRY GOODS CORP.

BORDEN, INC.

UNION PACIFIC CORPORATION

BURDEN, WILLIAM A. M.

GILPATRIC, ROSWELL L.

BEDFORD STUYVESANT D & S CORP.

CORNING GLASS WORKS

EASTERN AIRLINES INC.

EASTERN AIRLINES, INC.

FAIRCHILD CAMERA AND INSTRUMENT CORP.

IGLEHART, J. A.

NATIONAL GYPSUM CO.

NATIONAL WIRE PRODUCTS CORP.

NATL. GYPSUM CO.

NATL. WIRE PRODUCTS CORP.

LEVY, LEON

AMERICAN BILTRITE RUBBER CO. INC.

LOVETT, ROBERT A.

BROWN BROS. HAFRIMAN & CO.

UNION PACIFIC CORPORATION

CHEMICAL NEW YORK CORPORATION

PIVIROTT, RICHARD R.

PLATTEN, DONALD C.

EQUITABLE LIFE ASSURANCE

SEILER, LEWS P.

MORGAN, J. P., AND CO., INC.

BROWN, R. MANNING, JR.

NEW YORK LIFE INSURANCE COMPANY

BROWN, R. MANNING, JR.

PIVIROTT, RICHARD R.

UNION CARBIDE CORPORATION

BROWN, R. MANNING, JR.

WESTINGHOUSE ELECTRIC CORPORATION

PIVIROTT, RICHARD R.

CHEMICAL NEW YORK CORPORATION

MARUSI, AUGUSTINE R.

RENCHARD, WILLIAM S.

RICE, WILLIAM THOMAS

CONSOLIDATED EDISON CO OF NEW YORK

RENCHARD, WILLIAM S.

WIEN, LAWRENCE A.

CONTINENTAL CORPORATION, THE

STEWART, PATRICIA CARRY

MANUFACTURERS HANOVER CORPORATION

FINLEY, JAMES D.

NEW YORK LIFE INSURANCE COMPANY

FINLEY, JAMES D.

RENCHARD, WILLIAM S.

SEABOARD COAST LINE INDUSTRIES, INC.

RICE, WILLIAM THOMAS

TRANS WORLD AIRLINES, INC.

STEWART, PATRICIA CARRY

WOOLWORTH, F. W., CO.

CARRY, PATRICIA J.

AMERICAN EXPRESS COMPANY

ROBINSON, JAMES D., III

CHARTER NEW YORK CORP.

MITCHELL, HAMILTON B.

CITICORP

BARNETT, FRANK E.

PALMER, EDWARD LEWIS

SECURITY PACIFIC CORP.

LAWLER, OSCAR T.

WESTERN BANCORPORATION

ROTH, ROBERT W.

WESTERN ELECTRIC CO., INC.

KENEFICK, JOHN C.

AMERICAN AIR LINES, INC.

BURR, FRANCIS H.

CITICORP

HOUGHTON, AMORY, JR.

PALMER, EDWARD LEWIS

EASTMAN KODAK COMPANY

PERKINS, DONALD S.

EQUITABLE LIFE ASSURANCE

BURR, FRANCIS H.

INTERNATIONAL BUSINESS MACHINES CORP.

HOUGHTON, AMORY, JR.

METROPOLITAN LIFE INSURANCE COMPANY

HOUGHTON, J. R.

MORGAN, J. P., AND CO., INC.

HOUGHTON, J. R.

UNION PACIFIC CORPORATION

PALMER, EDWARD LEWIS

COMMONWEALTH EDISON

PRINCE, WILLIAM WOOD

FIRST CHICAGO CORPORATION

PRINCE, WILLIAM WOOD

KROGER COMPANY, THE

SMITH, EDWARD D.

WELLS FARGO AND COMPANY

DOBAY, JAMES K.

AMERICAN EXPRESS COMPANY

ROOSA, ROBERT V.

SOUTHERN RAILWAY COMPANY

IRELAND, R. L.

TEXACO, INC.

ROOSA, ROBERT V.

AMERICAN EXPRESS COMPANY

ROBINSON, JAMES D., III

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF CBS, INC.

OSBORN, DONALD R.	CHARTER NEW YORK CORP.
PALEY, WILLIAM S.	MITCHELL, HAMILTON B.
PHILLIPS, JOHN	CITICORP
ARKANSAS POWER AND LIGHT CO.	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
BANKERS TRUST CO.	SECURITY PACIFIC CORP.
CORNELIUS COMPANY	LAWLER, OSCAR T.
FOSTORIA GLASS CO.	WESTERN BANCORPORATION
GLENMORE DISTILLERIES CO.	ROTH, ROBERT W.
WHITNEY HOLDING CORP.	WESTERN ELECTRIC CO., INC.
PURCELL, JOHN R.	KENEFICK, JOHN C.
GANNETT CO., INC.	
LINCOLN FIRST BANKS, INC.	MIDDLE SOUTH UTILITIES, INC.
	LEWIS, FLOYD W.
	RITCHIE, REEVES E.
	FIRST BANK SYSTEM, INC.
	FRAME, CLARENCE G.
SCHACHT, HENRY B.	
CUMMINS ENGINE CO., INC.	MARINE MIDLAND BANKS, INC.
	NEUHARTH, ALLEN B.
	AETNA LIFE AND CASUALTY COMPANY
	SHERMAN, ROBERT A.
	EASTMAN KODAK COMPANY
	CHANDLER, COLBY H.
	SHERMAN, ROBERT A.
	WALLIS, W. ALLEN
	METROPOLITAN LIFE INSURANCE COMPANY
	WALLIS, W. ALLEN
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MILLET, J. IRWIN
	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	CITICORP
	THOMAS, FRANKLIN A.
	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	GENERAL ELECTRIC COMPANY
	HILLMAN, HENRY L.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
SCHNEIDER, JOHN A.	
STANTON, FRANK	AMERICAN ELECTRIC POWER COMPANY, INC.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	GAVIN, JAMES M.
	KROGER COMPANY, THE
	BOESCHENSTEIN, WILLIAM W.
	SANTA FE INDUSTRIES, INC.
	ZWIENER, KENNETH V.
ATLANTIC RICHFIELD COMPANY	CATEPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	CHEMICAL NEW YORK CORPORATION
	PLACE, JOHN B. M.
	FIRST CHICAGO CORPORATION
	ANDERSON, ROBERT O.
	FREEMAN, GAYLORD
	INGERSOLL, ROBERT S.
	METROPOLITAN LIFE INSURANCE COMPANY
	PLACE, JOHN B. M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	KENDALL, DONALD M.
	PCA CORP.
	BRADSHAW, THORNTON F.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
BOOK DIGEST, INC.	
INTERPUBLIC GROUP OF COMPANIES, INC.	BURLINGTON NORTHERN, INC.
NEW PERSPECTIVE FUND, INC.	BUDD, J. M.
NEW YORK LIFE INSURANCE COMPANY	CHEMICAL NEW YORK CORPORATION
	PIVIROTT, RICHARD R.
	RENCHARD, WILLIAM S.
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	THOMAS, FRANKLIN A.
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	RENCHARD, WILLIAM S.
	CROCKER NATIONAL CORPORATION
	HULL, JEROME W.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	MANUFACTURERS HANOVER CORPORATION
	FINLEY, JAMES D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CBS, INC.

HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

OBSERVER, THE, LTD.
PAN AMERICAN WORLD AIRWAYS, INC.

ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.

THOMAS, FRANKLIN A.
ALLIED STORES CORP.

AMERICAN BROADCASTING COMPANIES
GOLDENSON, LEONARD H.
MACIOCE, THOMAS M.
CHASE MANHATTAN CORP.
ROEDER, GEORGE A., JR.
MANUFACTURERS HANOVER CORPORATION
MACIOCE, THOMAS M.
MCPHERSON, RENE C.
AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MILLER, J. IRWIN
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
EASTMAN KODAK COMPANY

CITICORP

CUMMINS ENGINE CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THPU DIRECTOR
FOR CBS, INC.

PERKINS, DONALD S.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

NEW YORK TELEPHONE COMPANY

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
HOUGHTON, AMORY, JR.
EASTERN AIRLINES, INC.
HALL, FLOYD D.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
LINDHOLM, WILLIAM L.
MARINE MIDLAND BANKS, INC.
WENDEL, WILLIAM H.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.

TREE, MARIETTA

PAN AMERICAN WORLD AIRWAYS, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
STANTON, FRANK
BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.

YETNIKOFF, WALTER R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHARTER NEW YORK CORP.

BOOKOUT, JOHN F.

SHELL OIL COMPANY

CATERPILLAR TRACTOR COMPANY

BLACKIE, WILLIAM

PACIFIC GAS AND ELECTRIC COMPANY

DE BRETTEVILLE, CHARLES

SAFeway STORES, INC.

DE BRETTEVILLE, CHARLES

BROPHY, THEODORE F.

ARFWRIGHT-BOSTON MAN. MTL. CO.

GENERAL TELEPHONE AND ELECTRONICS CORP.

BANKERS TRUST NEW YORK CORP

BLAUVELT, HOWARD W.

CONTINENTAL OIL COMPANY

BLAUVELT, HOWARD W.

BURCHAM, LESTER A.

KINNEY SHOE CORPORATION

RICHMAN BROTHERS CO.

WESTERN ELECTRIC CO., INC.

GUSHMAN, JOHN LOUIS

WOOLWORTH, F. W., CO.

GUSHMAN, JOHN LOUIS

BANKERS TRUST NEW YORK CORP

BICKMORE, LEE S.

EASTMAN KODAK COMPANY

KREPS, JUANITA M.

INTERNATIONAL HARVESTER COMPANY

RATTALIATA, JOHN T.

MORGAN, J. P., AND CO., INC.

PROCKNOW, DONALD E.

PENNEY, J. C., CO., INC.

KREPS, JUANITA M.

PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.

SANTA FE INDUSTRIES, INC.

LAWRENCE, JOHN L.

RATTALIATA, JOHN T.

UNION PACIFIC CORPORATION

KENEFICK, JOHN C.

WOOLWORTH, F. W., CO.

GUSHMAN, JOHN LOUIS

EQUITABLE LIFE ASSURANCE

JAMES, GEORGE F.

INVESTORS DIVERSIFIED SERVICES, INC.

KIRBY, FRED MORGAN, II

WESTERN ELECTRIC CO., INC.

GUSHMAN, JOHN LOUIS

WOOLWORTH, F. W., CO.

CHANEY, WILLIAM R.

DUNCAN, JOHN C.

INTERNATIONAL BASIC ECONOMY CORP.

CHASE MANHATTAN CORP.

DILLWORTH, J. RICHARDSON

CHRYSLER CORPORATION

DILLWORTH, J. RICHARDSON

GENERAL ELECTRIC COMPANY

PIERCE, SAMUEL RILEY, JR.

KRESGE, S. S., COMPANY

PURCELL, ROBERT W.

PRUDENTIAL INSURANCE CO. OF AMERICA

PIERCE, SAMUEL RILEY, JR.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

BERRY, HAROLD J.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

ELFERS, WILLIAM

WESTVACO CORP.

GIBLIN, E. BURKE

ALLIED CHEMICAL CORP.

CHASE MANHATTAN CORP.

CONNOR, JOHN T.

SHINN, RICHARD R.

CONSOLIDATED EDISON CO OF NEW YORK

PERKINS, RICHARD S.

GENERAL MOTORS CORP.

CONNOR, JOHN T.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

PERKINS, RICHARD S.

METROPOLITAN LIFE INSURANCE COMPANY

SHINN, RICHARD R.

NEW YORK LIFE INSURANCE COMPANY

PERKINS, RICHARD S.

NORFOLK AND WESTERN RAILWAY COMPANY

FISCHWICK, JOHN P.

SOUTHERN PACIFIC COMPANY

PERKINS, RICHARD S.

DOCTOR PEPPER CO.

FIDELITY UNION BANCORPORATION

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

CONTINENTAL CORPORATION, THE

EBERLE, EDWARD R.

WENTWORTH, NATHAN A.

MARINE MIDLAND BANKS, INC.

MCKEE, JAMES WILSON, JR.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

PRUDENTIAL INSURANCE CO. OF AMERICA

DAVIS, C. MALCOLM

PUBLIC SERVICE ELECTRIC AND GAS CO.

DAVIS, C. MALCOLM

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHARTER NEW YORK CORP.

	EBEPLE, EDWARD P. WENTWORTH, NATHAN A.
	RCA CORP.
	SMILEY, DONALD B.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
WARNER-LAMBERT CO.	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
	DETROIT EDISON COMPANY
	SHONTZ, PATRICIA JANE
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	KRESGE, S. S., COMPANY
	CUNNINGHAM, HARRY B.
	NATIONAL DETROIT CORPORATION
	CUNNINGHAM, HARRY B.
JENSEN, ROBERT P.	
GENERAL CABLE CORPORATION	METROPOLITAN LIFE INSURANCE COMPANY
	KIRCHER, D. F.
MENASCO MANUFACTURING CO.	PAN AMERICAN WORLD AIRWAYS, INC.
	HOGAN, WILLIAM J.
KNOWLES, JOHN H., M.D.	
GENERAL TELEPHONE AND ELECTRONICS CORP.	
	BANKERS TRUST NEW YORK CORP
	BLAUVELT, HOWARD W.
	CONTINENTAL OIL COMPANY
	BLAUVELT, HOWARD W.
TECHNICARE CORP.	
MITCHELL, HAMILTON B.	
DUN & BRADSTREET	
IRVING TRUST	
UNION PACIFIC CORPORATION	AMERICAN EXPRESS COMPANY
	ROBINSON, JAMES D., III
	CBS, INC.
	BROWN, COURTNEY C.
	LOVETT, ROBERT A.
	CITICORP
	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
	SECURITY PACIFIC CORP.
	LAWLER, OSCAR T.
	WESTERN BANCORPORATION
	ROTE, ROBERT W.
	WESTERN ELECTRIC CO., INC.
	KENEFICK, JOHN C.
MURPHY, GEORGE A.	
GENERAL TELEPHONE AND ELECTRONICS CORP.	
	BANKERS TRUST NEW YORK CORP
	BLAUVELT, HOWARD W.
	CONTINENTAL OIL COMPANY
	BLAUVELT, HOWARD W.
RICE, JOSEPH A.	
SILLIN, LELAN F., JR.	
HARTFORD ELECTRIC LIGHT CO.	NORTHEAST UTILITIES
	SWITZER, DONALD C.
	AMERICAN ELECTRIC POWER COMPANY, INC.
	FOLSON, RICHARD G.
	GAVIN, JAMES M.
	FIRST NATIONAL BOSTON CORP.
	BLEICKEN, GERHARD D.
	WILLIAMS, BEN AMES, JR.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BLEICKEN, GERHARD D.
	GAVIN, JAMES M.
	PACIFIC GAS AND ELECTRIC COMPANY
	HAIT, JAMES M.
NORTHEAST UTILITIES	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	STEIGER, ALBERT E., JR.
SMILEY, DONALD B.	
FIDELITY UNION BANCORPORATION	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	CONTINENTAL CORPORATION, THE
	EBERLE, EDWARD R.
	WENTWORTH, NATHAN A.
	MARINE MIDLAND BANKS, INC.
	MCKEE, JAMES WILSON, JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	DAVIS, C. MALCOLM
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	DAVIS, C. MALCOLM
	EBERLE, EDWARD R.
	WENTWORTH, NATHAN A.
MACY CREDIT CORP.	
MACY, R. H., AND CO., INC.	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	LILLEY, ROBERT D.
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	CITICORP
	FOURAKER, LAWRENCE E.
	CONTINENTAL CORPORATION, THE
	LILLEY, ROBERT D.
	WILSON, F. PERRY
	GENERAL ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOF CHARTER NEW YORK CORP.

MICHELSON, GERTRUDE G.
 MANUFACTURERS HANOVER CORPORATION
 WILSON, F. PERRY
 PRUDENTIAL INSURANCE CO. OF AMERICA
 BEALE, O. E.
 RCA CORP.
 FOURAKER, LAWRENCE E.
 UNION CARBIDE CORPORATION
 WILSON, F. PERRY

METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 BETHLEHEM STEEL CORPORATION
 JENKINS, GEORGE P.
 CHASE MANHATTAN CORP.
 SHINN, RICHARD R.
 CHEMICAL NEW YORK CORPORATION
 FUNSTON, G. KEITH
 PLACE, JOHN B. M.
 CITICORP
 JENKINS, GEORGE P.
 COMMONWEALTH EDISON
 JOHNSON, G. E.
 CONSOLIDATED EDISON CO OF NEW YORK
 LUCE, CHARLES F.
 CROCKER NATIONAL CORPORATION
 SOLOMON, EMMETT G.
 EASTMAN KODAK COMPANY
 WALLIS, W. ALLEN
 EXXON CORPORATION
 PETERSON, MARTHA E.
 FIRST CHICAGO CORPORATION
 SIVAGE, GERALD A.
 GENERAL MOTORS CORP.
 MCLAUGHLIN, W. EARLE
 SIVAGE, GERALD A.
 GOODYEAR TIRE AND RUBBER COMPANY
 HARPER, JOHN DICKESON
 INTERNATIONAL BUSINESS MACHINES CORP.
 FUNSTON, G. KEITH
 MELLON NATIONAL CORPORATION
 HARPER, JOHN DICKESON
 MORGAN, J. P., AND CO., INC.
 HOUGHTON, J. R.
 NORTHWEST AIRLINES, INC.
 LAIRD, M. R.
 PACIFIC GAS AND ELECTRIC COMPANY
 SOLOMON, EMMETT G.
 PHILLIPS PETROLEUM COMPANY
 LAIRD, M. R.
 PROCTER AND GAMBLE COMPANY
 HARPER, JOHN DICKESON
 UAL, INC.
 LUCE, CHARLES F.
 UNION CARBIDE CORPORATION
 MASON, BIRNEY, JR.
 SNEATH, WILLIAM S.

NATIONAL BROADCASTING CO., INC.

ATLANTIC RICHFIELD COMPANY
 BRADSHAW, THORNTON F.
 CITICORP
 FOURAKER, LAWRENCE E.
 RCA CORP.
 BRADSHAW, THORNTON F.
 FOURAKER, LAWRENCE E.
 GRIFFITHS, EDGAR H.
 KENNEDY, WILLIAM J., III
 SELBY, CECILY C.
 SECURITY PACIFIC CORP.
 BRADSHAW, THORNTON F.
 CHASE MANHATTAN CORP.
 DILLWORTH, J. RICHARDSON
 CHRYSLER CORPORATION
 DILLWORTH, J. RICHARDSON
 CITICORP

OMEGA FUND, INC.

GRACE, J. PETER
 BANKAMERICA CORPORATION
 LEWIS, DAVID SLOAN, JR.
 GULF OIL CORPORATION
 DEAN, R. HAL
 SINGER, EDWIN
 MELLON NATIONAL CORPORATION
 BYROM, FLETCHER L.
 MISSOURI PACIFIC CORPORATION
 SHAPLEIGH, WARREN M.
 MORGAN, J. P., AND CO., INC.
 SHAPLEIGH, WARREN M.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 BYROM, FLETCHER L.
 FERGUSON, FRANCIS E.
 ATLANTIC RICHFIELD COMPANY
 BRADSHAW, THORNTON F.

RALSTON PURINA CORP.

RCA CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF CHARTER NEW YORK CORP.

CITICORP
FOUPAKER, LAWRENCE E.
MARINE MIDLAND BANKS, INC.
PETTY, JOHN ROBERT
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
TEXAS GULF, INC. EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
THOMSON, RICHARD M.
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
TEXAS GULF, INC. EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
THOMSON, RICHARD M.
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
UNITED STATES STEEL CORPORATION
AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEEPS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
STAUFFACHER, CHARLES B.
ACF INDUSTRIES, INC.
BANKERS TRUST NEW YORK CORP
BROOKS, JOHN W.
GENERAL PUBLIC UTILITIES CORP.
BURDITT, JOHN F.
AMERICAN MANUFACTURER MUTUAL INS. CO.
CHICAGO MILWAUKEE CORPORATION CONTINENTAL ILLINOIS CORPORATION
KARNES, WILLIAM G.
QUINN, WILLIAM J.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.
CHICAGO, MILWAUKEE, ST PAUL & PAC RR
CONTINENTAL ILLINOIS CORPORATION
KARNES, WILLIAM G.
QUINN, WILLIAM J.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.
EMERY AIR FREIGHT CORP.
FMC FINANCE CORP.
AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
FIRST CHICAGO CORPORATION
NEVIN, JOHN J.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MARINE MIDLAND BANKS, INC.
HUBNER, ROBERT W.
INTERNATIONAL HARVESTER COMPANY
LANTERMAN, JOSEPH B.
RATTALIATA, JOHN T.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOP CHARTER NEW YORK CORP.

WALLIS, GORDON T.

ADELA INVESTMENT CO., S. A.

EXXON CORPORATION

BENNETT, JACK F.

GENERAL MOTORS CORP.

MCLAUGHLIN, W. EARLE

METROPOLITAN LIFE INSURANCE COMPANY

MCLAUGHLIN, W. EARLE

MORGAN, J. P., AND CO., INC.

COLLADO, EMILIO G.

INTERNATIONAL COMMERCIAL BANK, LTD.

IRVING TRUST CO.

CONSOLIDATED EDISON CO OF NEW YORK

PAINE, PETER S.

CONTINENTAL CORPORATION, THE

PAINE, PETER S.

UNION PACIFIC CORPORATION

MILLIKEN, MINOT K.

PHILLIPS PETROLEUM COMPANY

WESCOE, W. CLARKE

PRUDENTIAL INSURANCE CO. OF AMERICA

YUNICH, DAVID L.

EQUITABLE LIFE ASSURANCE

JAMES, GEORGE F.

INVESTORS DIVERSIFIED SERVICES, INC.

KIRBY, FRED MORGAN, II

WESTERN ELECTRIC CO., INC.

BURCHAM, LESTER A.

GUSHMAN, JOHN LOUIS

STERLING DRUG, INC.

THOMPSON, J. WALTER, CO.

WOOLWORTH, F. W., CO.

EQUITABLE LIFE ASSURANCE

WALKER, S. R.

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

CITICORP

GRAY, HARRY J.

EXXON CORPORATION

GRAY, HARRY J.

PENN MUTUAL LIFE INSURANCE CO. MORGAN, J. P., AND CO., INC.

DORRANCE, JOHN T., JR.

UNITED TECHNOLOGIES CORP.

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

SMITH, OLCOTT D.

CITICORP

GRAY, HARRY J.

SPENCER, WILLIAM I.

EXXON CORPORATION

GRAY, HARRY J.

MORGAN, J. P., AND CO., INC.

SMITH, OLCOTT D.

NORTHEAST UTILITIES

HENNESSY, EDWARD L., JR.

SEARS, ROEBUCK AND CO.

SPENCER, WILLIAM I.

TRAVELERS INSURANCE COMPANY

FORD, T. MITCHELL

HEWITT, DAVID C.

SMITH, ARTHUR E.

WILKINS, ROGER C.

WILMOT, JAMES P.

PAGE AIRWAYS, INC.

PAN AMERICAN WORLD AIRWAYS, INC.

HOGAN, WILLIAM J.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHASE MANHATTAN CORP.

BARBER, CHARLES F.

ASARCO, INC.

CONTINENTAL CORPORATION, THE

BINGER, JAMES H.

HONEYWELL, INC.

KODICOR, INC.

MINNESOTA MINING & MANUFACTURING CO.

NORTHWEST AIRLINES, INC.

NORTHWESTERN BELL TELEPHONE CO.

BUTCHER, WILLARD C.

ASARCO, INC.

BURLINGTON NORTHERN, INC.

MENK, LOUIS W.

FIRST BANK SYSTEM, INC.

MENK, LOUIS W.

FIRST CHICAGO CORPORATION

MENK, LOUIS W.

INTERNATIONAL HARVESTER COMPANY

MENK, LOUIS W.

SOUTHERN RAILWAY COMPANY

BOND, WILLIAM ROBERT

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

CHRYSLER CORPORATION

HOLLAND, JEROME HEARTWELL

CONSOLIDATED EDISON CO OF NEW YORK

PAINE, PETER S.

FEDERATED DEPARTMENT STORES, INC.

HOLLAND, JEROME HEARTWELL

MANUFACTURERS HANOVER CORPORATION

HOLLAND, JEROME HEARTWELL

RICKER, JOHN B., JR.

WILSON, F. PERRY

ZIFF, GEORGE G.

MORGAN, J. P., AND CO., INC.

LEACH, RALPH F.

PUBLIC SERVICE ELECTRIC AND GAS CO.

EBERLE, EDWARD R.

SIVERD, CLIFFORD D.

WENTWORTH, NATHAN A.

SOUTHERN RAILWAY COMPANY

LEACH, RALPH F.

TRANS WORLD AIRLINES, INC.

STEWART, PATRICIA CARRY

UNION CARBIDE CORPORATION

HOLLAND, JEROME HEARTWELL

WILSON, F. PERRY

ATLANTIC RICHFIELD COMPANY

INGERSOLL, ROBERT S.

CATERPILLAR TRACTOR COMPANY

INGERSOLL, ROBERT S.

FIRST BANK SYSTEM, INC.

NYROP, DONALD W.

SPANGLE, CLARENCE W.

FIRST CHICAGO CORPORATION

INGERSOLL, ROBERT S.

FIRST NATIONAL BOSTON CORP.

CHARPIE, ROBERT A.

NORTHWEST AIRLINES, INC.

NYROP, DONALD W.

NORTHWEST BANCORPORATION

SPOOR, WILLIAM H.

KROGER COMPANY, THE

DAVIS, JACOB E.

NORTHWEST AIRLINES, INC.

WAKEFIELD, LYMAN E., JR.

CATERPILLAR TRACTOR COMPANY

MORGAN, LEE L.

FEDERATED DEPARTMENT STORES, INC.

PETERSON, PETER G.

FIRST BANK SYSTEM, INC.

HERZOG, RAYMOND H.

FIRST CHICAGO CORPORATION

MORGAN, LEE L.

NORTHWEST AIRLINES, INC.

HERZOG, RAYMOND H.

UNITED STATES STEEL CORPORATION

HERZOG, RAYMOND H.

FIRST BANK SYSTEM, INC.

HERZOG, RAYMOND H.

NYROP, DONALD W.

METROPOLITAN LIFE INSURANCE COMPANY

LAIRD, M. R.

NORTHWEST BANCORPORATION

MCNEELEY, DONALD G.

PHILLIPS PETROLEUM COMPANY

LAIRD, M. R.

UNITED STATES STEEL CORPORATION

HERZOG, RAYMOND H.

FIRST BANK SYSTEM, INC.

NYROP, DONALD W.

NORTHWEST AIRLINES, INC.

NYROP, DONALD W.

NORTHWEST BANCORPORATION

PILLSBURY, JOHN S., JR.

PRUDENTIAL INSURANCE CO. OF AMERICA

MCFARLAND, JAMES P.

BURLINGTON NORTHERN, INC.

MENK, LOUIS W.

CONTINENTAL CORPORATION, THE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP CHASE MANHATTAN CORP.

BARBER, CHARLES F.
 FIRST BANK SYSTEM, INC.
 MENK, LOUIS W.
 FIRST CHICAGO CORPORATION
 MENK, LOUIS W.
 INTERNATIONAL HARVESTER COMPANY
 MENK, LOUIS W.
 SOUTHERN RAILWAY COMPANY
 BOND, WILLIAM ROBERT
 AMERICAN ELECTRIC POWER COMPANY, INC.
 MARKLEY, HERBET E.

FIRESTONE TIRE & RUBBER CO.

CONNOR, JOHN T.
 ALLIED CHEMICAL CORP.

CHARTER NEW YORK CORP.
 GIBLIN, E. BURKE
 CONSOLIDATED EDISON CO OF NEW YORK
 PERKINS, RICHARD S.
 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 PERKINS, RICHARD S.
 METROPOLITAN LIFE INSURANCE COMPANY
 SHINN, RICHARD R.
 NEW YORK LIFE INSURANCE COMPANY
 PERKINS, RICHARD S.
 NORFOLK AND WESTERN RAILWAY COMPANY
 FISCHWICK, JOHN P.
 SOUTHERN PACIFIC COMPANY
 PERKINS, RICHARD S.
 AMERICAN AIR LINES, INC.
 FISCHER, CHARLES T., III
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 CLEARY, CATHERINE B.
 DEBUTTS, JOHN D.
 BETHLEHEM STEEL CORPORATION
 PATTERSON, ELLMORE C.
 CITICORP
 DEBUTTS, JOHN D.
 HATFIELD, ROBERT S.
 DETROIT EDISON COMPANY
 FISCHER, CHARLES T., III
 GERSTENBERG, RICHARD C.
 EASTMAN KODAK COMPANY
 FALLON, WALTER A.
 HATFIELD, ROBERT S.
 FIRST CHICAGO CORPORATION
 SIVAGE, GERALD A.
 MELLON NATIONAL CORPORATION
 MAYER, JOHN A.
 METROPOLITAN LIFE INSURANCE COMPANY
 MCLAUGHLIN, W. EARLE
 SIVAGE, GERALD A.
 MORGAN, J. P., AND CO., INC.
 FALLON, WALTER A.
 MORGENS, HOWARD J.
 PATTERSON, ELLMORE C.
 NATIONAL DETROIT CORPORATION
 FISCHER, CHARLES T., III
 GERSTENBERG, RICHARD C.
 NORFOLK AND WESTERN RAILWAY COMPANY
 MAYER, JOHN A.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 CLEARY, CATHERINE B.
 PROCTER AND GAMBLE COMPANY
 MORGENS, HOWARD J.
 SANTA FE INDUSTRIES, INC.
 PATTERSON, ELLMORE C.
 UNITED STATES STEEL CORPORATION
 BRANCH, HARLEE, JR.
 DEBUTTS, JOHN D.
 CHARTER NEW YORK CORP.
 GIBLIN, E. BURKE
 DETROIT EDISON COMPANY
 SHONTZ, PATRICIA JANE
 KRESGE, S. S., COMPANY
 CUNNINGHAM, HARRY B.
 NATIONAL DETROIT CORPORATION
 CUNNINGHAM, HARRY B.

GENERAL MOTORS CORP.

WARNER-LAMBERT CO.

DILLWORTH, J. RICHARDSON
 CHRYSLER CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEROME HEARTWELL
 BANKAMERICA CORPORATION
 HALABY, NAJEEB E.
 CONSUMERS POWER COMPANY
 GRIFFITHS, MARTHA W.
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEROME HEARTWELL
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 BRYAN, ANTHONY J. A.
 KRESGE, S. S., COMPANY
 GRIFFITHS, MARTHA W.
 MANUFACTURERS HANOVEP CORPORATION
 HAUGE, GABRIEL
 HOLLAND, JEROME HEARTWELL
 NATIONAL DETROIT CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHASE MANHATTAN CORP.

GPIFFITHS, MARTHA W.
SEMPLE, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
UNION CARBIDE CORPORATION
HOLLAND, JEPOME HEARTWELL

INTERNATIONAL BASIC ECONOMY CORP.
CHARTER NEW YORK CORP.
DUNCAN, JOHN C.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
KRESGE, S. S., COMPANY
PURCELL, ROBERT W.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.

MACY, R. H., AND CO., INC.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CITICORP
FOURAKER, LAWRENCE E.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
WILSON, F. PERRY
GENERAL ELECTRIC COMPANY
MICHELSON, GERTRUDE G.
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERRY
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
BEALE, O. E.
FCA CORP.
FOURAKER, LAWRENCE E.
SMILEY, DONALD B.
UNION CARBIDE CORPORATION
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

OMEGA FUND, INC.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CITICORP
GRACE, J. PETER
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
FCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

ROCKEFELLER CENTER, INC.
KRESGE, S. S., COMPANY
PURCELL, ROBERT W.

ROCKEFELLER FAMILY & ASSOCIATES
EKLUND, C. G.
BENDIX CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.
FOLSOM, RICHARD G.
CHEMICAL NEW YORK CORPORATION
VILA, GEORGE R.
CONSUMERS POWER COMPANY
MOTT, C. S. HARDING
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
EQUITABLE LIFE ASSURANCE
AGEE, WILLIAM M.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
KRESGE, S. S., COMPANY
CUNNINGHAM, HARRY B.
PURCELL, ROBERT W.
NATIONAL DETROIT CORPORATION
CUNNINGHAM, HARRY B.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
FLEISCHMANN, MANLY
BURLINGTON NORTHERN, INC.
HENDRICKSON, ROBERT M.
CITICORP
SHELDON, ELEANOR H. B.
CONSOLIDATED EDISON CO OF NEW YORK
MUMFORD, MILTON C.
CONTINENTAL OIL COMPANY
BUEK, C. W.
EXXON CORPORATION
JAMIESON, J. K.
FORD MOTOR CO.
WHARTON, CLIFTON R.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
MELLON NATIONAL CORPORATION
FISHER, A. W.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
WOOLWORTH, F. W., CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHASE MANHATTAN CORP.

FERGUSON, JAMES L.
GENERAL FOODS CORP.

JAMES, GEORGE F.

AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
TAVOULAPEAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAPEAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
METROPOLITAN LIFE INSURANCE COMPANY
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PENNEY, J. C., CO., INC.
JACKSON, JACK B.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MOBIL CORPORATION
CLARK, HOWARD L.
WARNER, RAWLEIGH, JR.
TEXACO, INC.
ROOSA, ROBERT V.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

FURLAUD, RICHARD M.
AMERICAN EXPRESS COMPANY

MUTUAL BENEFIT LIFE INSURANCE CO.

CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
PUBLIC SERVICE ELECTRIC AND GAS CO.
VAN FOSSAN, ROBERT V.

OLIN CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHASE MANHATTAN CORP.
SQUIBB CORP.

HARRIS, PATRICIA F.

INTERNATIONAL BUSINESS MACHINES CORP.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

HESBURG, THEODORE M.

HEWLETT, WILLIAM R.

CHRYSLER CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKAMERICA CORPORATION
HALABY, NAJEEB E.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPLE, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
CATERPILLAR TRACTOR COMPANY
PACKARD, DAVID
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
SAFeway STORES, INC.
ARBUCKLE, ERNEST C.
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.

HEWLETT PACKARD CORP.

KAISER FOUNDATION HOSPITAL & HEALTH PLAN
UTAH INTERNATIONAL, INC.

FORD MOTOR CO.
MILLER, ARJAY
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
MOBIL CORPORATION
BORCH, FRED J.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
WELLS FARGO AND COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHASE MANHATTAN CORP.

KAUFFMAN, HOWARD C.
EXXON CORPORATION

LITTLEFIELD, EDMUND W.
MILLER, ARJAY

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
CATERPILLAR TRACTOR COMPANY
FRANKLIN, WILLIAM H.
CHEMICAL NEW YORK CORPORATION
PIERCY, GEORGE T.
CITICORP
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
EQUITABLE LIFE ASSURANCE
JAMIESON, J. K.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
PROCTER AND GAMBLE COMPANY
HARNESSE, EDWARD G.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.

LAZARUS, RALPH
FEDERATED DEPARTMENT STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
FIGGINS, W. P.
JOHNSON, H. W.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
CITICORP
WRISTON, WALTER B.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DANCE, WALKER D.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MORGAN, J. P., AND CO., INC.
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
PENNEY, J. C., CO., INC.
WRISTON, WALTER B.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.
SAFEWAY STORES, INC.
BOSWELL, JAMES G., II
SECURITY PACIFIC CORP.
BOSWELL, JAMES G., II
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
GENERAL ELECTRIC COMPANY
DICKEY, CHARLES D., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
SCRANTON, WILLIAM W.
MORGAN, J. P., AND CO., INC.
DICKEY, CHARLES D., JR.
NORFOLK AND WESTERN RAILWAY COMPANY
SUTPHIN, SAMUEL REID
UAL, INC.
JENKINS, WILLIAM M.

GENERAL ELECTRIC COMPANY

SCOTT PAPER CO.

LILLEY, ROBERT D.
CELANESE CORP.

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF CHASE MANHATTAN CORP.

	PENNEY, J. C., CO., INC.
	JORDAN, VERNON E., JR.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
CITIES SERVICE CO.	AMERICAN BROADCASTING COMPANIES
	ADAM, RAY C.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	SANFORD, TERRY
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	SELLERS, ROBERT
	MANUFACTURERS HANOVER CORPORATION
	MCGILLICUDDY, JOHN F.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
CONTINENTAL CORPORATION, THE	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CONSOLIDATED EDISON CO OF NEW YORK
	PAINE, PETER S.
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	RICKER, JOHN B., JR.
	WILSON, F. PERRY
	ZIPF, GEORGE G.
	MORGAN, J. P., AND CO., INC.
	LEACH, RALPH F.
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	EBERLE, EDWARD R.
	SIVERD, CLIFFORD D.
	WENTWORTH, NATHAN A.
	SOUTHERN RAILWAY COMPANY
	LEACH, RALPH F.
	TRANS WORLD AIRLINES, INC.
	STEWART, PATRICIA CARRY
	UNION CARBIDE CORPORATION
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
MACY, R. H., AND CO., INC.	CHAPTER NEW YORK CORP.
	SMILEY, DONALD B.
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	CITICORP
	FOURAKER, LAWRENCE E.
	CONTINENTAL CORPORATION, THE
	WILSON, F. PERRY
	GENERAL ELECTRIC COMPANY
	MICHELSON, GERTRUDE G.
	MANUFACTURERS HANOVER CORPORATION
	WILSON, F. PERRY
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	BEALE, O. E.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SMILEY, DONALD B.
	UNION CARBIDE CORPORATION
	WILSON, F. PERRY
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
MUTUAL BENEFIT LIFE INSURANCE CO.	
	AMERICAN EXPRESS COMPANY
	FURLAUD, RICHARD M.
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	VAN FOSSAN, ROBERT V.
PEOPLES GAS CO.	INTERNATIONAL HARVESTER COMPANY
	LANTERMAN, JOSEPH B.
	NORFOLK AND WESTERN RAILWAY COMPANY
	STROTZ, ROBERT H.
MACOMBER, JOHN D.	
CELANESE CANADA, LTD.	
MORLIN CORP.	
	FEDERATED DEPARTMENT STORES, INC.
	KRENSKY, HAROLD
	TRAVELERS INSURANCE COMPANY
	SHAPIRO, ELI
REYNOLDS, R. J., INDUSTRIES, INC.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	FEDERATED DEPARTMENT STORES, INC.
	LINGLE, WALTER L., JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO.
	BUTLER, A. L., JR.
	PENNEY, J. C., CO., INC.
	KREPS, JUANITA M.
	SOUTHERN RAILWAY COMPANY
	DAVIS, ARCHIE K.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
	WESTERN ELECTRIC CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOP CHASE MANHATTAN CORP.

MYERS, CHARLES F., JR.	KREPS, JUANITA M.
BURLINGTON INDUSTRIES, INC.	SEABOARD COAST LINE INDUSTRIES, INC.
	CALDER, ALEXANDER JR.
	UNION CARBIDE CORPORATION
	JONES, HORACE C.
JEFFERSON-PILOT CORP.	DUKE POWER CO
	HOLDERNESS, HOWARD DAIL
REYNOLDS, R. J., INDUSTRIES, INC.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	FEDERATED DEPARTMENT STORES, INC.
	LINGLE, WALTER L., JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BUTLER, A. L., JR.
	PENNEY, J. C., CO., INC.
	KREPS, JUANITA M.
	SOUTHERN RAILWAY COMPANY
	DAVIS, ARCHIE K.
	WESTERN ELECTRIC CO., INC.
	KREPS, JUANITA M.
RICHARDSON MERRELL INC.	FEDERATED DEPARTMENT STORES, INC.
	LINGLE, WALTER L., JR.
UNITED STATES STEEL CORPORATION	
	AETNA LIFE AND CASUALTY COMPANY
	FILER, JOHN H.
	RODERICK, DAVID M.
	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DEBUTTS, JOHN D.
	SPEER, EDGAR B.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	SCRIVENER, ROBERT CARLTON
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CHEMICAL NEW YORK CORPORATION
	WALKER, WILBERT A.
	CITICORP
	DEBUTTS, JOHN D.
	EASTMAN KODAK COMPANY
	MEYER, JOHN M., JR.
	FIRST BANK SYSTEM, INC.
	HERZOG, RAYMOND H.
	GENERAL MOTORS CORP.
	BRANCH, HARLEE, JR.
	DEBUTTS, JOHN D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MELLON NATIONAL CORPORATION
	GOTT, EDWIN H.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	NORTHWEST AIRLINES, INC.
	HERZOG, RAYMOND H.
	PROCTER AND GAMBLE COMPANY
	SPEER, EDGAR B.
	RCA CORP.
	SMILEY, DONALD B.
	SEARS, ROEBUCK AND CO.
	BEERS, WILLIAM O.
WACHOVIA CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	WATLINGTON, J. E. JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BUTLER, A. L., JR.
	SOUTHERN RAILWAY COMPANY
	DAVIS, ARCHIE K.
	UNION CARBIDE CORPORATION
	JONES, HORACE C.
PACE, NORMA T.	
MILTON BRADLEY CO.	AMERICAN AIR LINES, INC.
SEARS, ROEBUCK AND CO.	BEERS, WILLIAM O.
	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	CITICORP
	SPENCER, WILLIAM I.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHASE MANHATTAN CORP.

	AYER, THOMAS G.
	SWIFT, A. DEAN
	MANUFACTURERS HANOVER CORPORATION
	BEEFS, WILLIAM O.
	MORGAN, J. P., AND CO., INC.
	SHULTZ, GEORGE P.
	UNITED STATES STEEL CORPORATION
	BEEFS, WILLIAM O.
SPERRY RAND CORP.	MANUFACTURERS HANOVER CORPORATION
	FINLEY, JAMES D.
	METROPOLITAN LIFE INSURANCE COMPANY
	SHINN, RICHARD R.
	NEW YORK LIFE INSURANCE COMPANY
	FINLEY, JAMES D.
PRATT, EDMUND T., JR.	
INTERNATIONAL EXECUTIVE SERVICE CORP.	
INTERNATIONAL PAPER CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	ELLINGHAUS, WILLIAM M.
	MURPHY, WILLIAM B.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	GORMAN, PAUL A.
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	GENERAL ELECTRIC COMPANY
	PIERCE, SAMUEL RILEY, JR.
	GENERAL MOTORS CORP.
	SMITH, J. STANFORD
	INTERNATIONAL HARVESTER COMPANY
	HANSEN, ARTHUR GENE
	PENNEY, J. C., CO., INC.
	ELLINGHAUS, WILLIAM M.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	GORMAN, PAUL A.
	PIERCE, SAMUEL RILEY, JR.
PFIZER INC.	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	ROHATYN, FELIX G.
	PCA CORP.
	KENNEDY, WILLIAM J., III
ROCKEFELLER, DAVID	
POEDEL, GEORGE A., JR.	AMERICAN BROADCASTING COMPANIES
ALLIED STORES CORP.	GOLDENSON, LEONARD H.
	MACIOCE, THOMAS M.
	CBS, INC.
	THOMAS, FRANKLIN A.
	CITICORP
	THOMAS, FRANKLIN A.
	MANUFACTURERS HANOVER CORPORATION
	MACIOCE, THOMAS M.
	MCPHERSON, RENE C.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
NATIONAL REINSURANCE CORP.	CONTINENTAL CORPORATION, THE
	BELL, DRUMMOND C.
SHINN, RICHARD R.	
ALLIED CHEMICAL CORP.	CHARTER NEW YORK CORP.
	GIBLIN, E. BURKE
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	NEW YORK LIFE INSURANCE COMPANY
	PERKINS, RICHARD S.
	NORFOLK AND WESTERN RAILWAY COMPANY
	FISCHWICK, JOHN P.
	SOUTHERN PACIFIC COMPANY
	PERKINS, RICHARD S.
MAY DEPT. STORES CO.	CITICORP
	HANLEY, JAMES W.
	SOUTHERN PACIFIC COMPANY
	HANLEY, JAMES W.
METROPOLITAN LIFE INSURANCE COMPANY	
	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CHEMICAL NEW YORK CORPORATION
	FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	CITICORP
	JENKINS, GEORGE P.
	COMMONWEALTH EDISON
	JOHNSON, G. E.
	CONSOLIDATED EDISON CO OF NEW YORK
	LUCE, CHARLES F.
	CROCKER NATIONAL CORPORATION
	SOLOMON, EMMETT G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF CHASE MANHATTAN CORP.

EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
FCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
FORD MOTOR CO.
MURPHY, FRANKLIN D.
PHILLIPS PETROLEUM COMPANY
WILLIAMS, HAROLD M.
SEARS, ROEBUCK AND CO.
FOSTER, LUTHER H.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
SEARS, ROEBUCK AND CO.
PACE, NORMA T.

NORTON SIMON, INC.

SPERRY RAND CORP.

SMITH, J. STANFORD
GENERAL MOTORS CORP.

AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.

INTERNATIONAL PAPER CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ELLINGHAUS, WILLIAM M.
MURPHY, WILLIAM B.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
GORMAN, PAUL A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHASE MANHATTAN CORP.

	CHEMICAL NEW YORK CORPORATION NEWMAN, JAMES WILSON
	GENERAL ELECTRIC COMPANY PIERCE, SAMUEL RILEY, JR.
	INTERNATIONAL HARVESTER COMPANY HANSEN, ARTHUR GENE
	PENNEY, J. C., CO., INC. ELLINGHAUS, WILLIAM M.
	PRUDENTIAL INSURANCE CO. OF AMERICA GORMAN, PAUL A.
	PIERCE, SAMUEL RILEY, JR.
STAHR, ELVIS J., JR.	
ACACIA MUTUAL LIFE INS. CO.	
SWEARINGEN, JOHN E.	
STANDARD OIL COMPANY OF INDIANA	
	BETHLEHEM STEEL CORPORATION WFIGHT, JOSEPH S.
	CHEMICAL NEW YORK CORPORATION WOOD, RICHARD D.
	COMMONWEALTH EDISON WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION MALOTT, ROBERT H.
	WRIGHT, JOSEPH S.
	YARRINGTON, BLAINE J.
	FIRST CHICAGO CORPORATION ABBODD, ROBERT A.
VERITY, CALVIN WILLIAM, JR.	
ARMCO STEEL CORP.	
	DUKE POWER CO. HENSON, PAUL HARRY
	GOODYEAR TIRE AND RUBBER COMPANY GEIR, PHILLIP O., JR.
	NEW YORK LIFE INSURANCE COMPANY DONNELL, J. C., II
	PROCTER AND GAMBLE COMPANY GEIR, PHILLIP O., JR.
BOSTON CO., INC.	
	CONTINENTAL CORPORATION, THE HURLEY, DONALD J.
	FORD MOTOR CO. IACOCCA, LEE A.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC. WISER, FORWOOD C., JR.
	INTERNATIONAL BUSINESS MACHINES CORP. FOX, JOHN M.
	PAN AMERICAN WORLD AIRWAYS, INC. WISER, FORWOOD C., JR.
	SEABOARD COAST LINE INDUSTRIES, INC. WOLBACH, WILLIAM W.
	SHELL OIL COMPANY SPAGHT, MONROE E.
BUSINESS INTERNATIONAL	
FIRST NATIONAL BANK (MIDDLETOWN)	
MEAD CORP.	
	EQUITABLE LIFE ASSURANCE ALLEN, IVAN, JR.
	INTERNATIONAL BUSINESS MACHINES CORP. BEITZEL, GEORGE B.
	SOUTHERN RAILWAY COMPANY BOND, WILLIAM ROBERT
TAFT BROADCASTING CO.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION
BERKELEY, NORBORNE, JR.
FREEPORT MINERALS CO.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

HARTZ MOUNTAIN CORP.
UNIROYAL INC.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
WOOLWORTH, F. W., CO.
LESCH, GEORGE H.

BROWN, CHARLES L.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.

DUPONT, E. I., DE NEMOURS AND CO.

AMERICAN STORES COMPANY
HECKERT, RICHARD E.
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
CITICORP
SHAPIRO, IRVING S.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
SHAPIRO, IRVING S.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
UAL, INC.
BRIMMER, ANDREW F.
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.

HART SCHAFFNER & MARX

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

	FIRST CHICAGO CORPORATION
	ABBOUD, ROBERT A.
	GREY, JOHN D.
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
	WESTERN ELECTRIC CO., INC.
	BICKMORE, LEE S.
SOUTHERN BELL TELEPHONE & TELEGRAPH CO.	
	EASTERN AIRLINES, INC.
	SMITH, EDWARD D.
	KROGER COMPANY, THE
	SMITH, EDWARD D.
	METROPOLITAN LIFE INSURANCE COMPANY
	RAST, L. EDMUND
BUTTON, JAMES W.	
ALLSTATE INSURANCE CO.	COMMONWEALTH EDISON
	SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION
	SWIFT, A. DEAN
	SEARS, ROEBUCK AND CO.
	BOE, ARCHIE R.
	JONES, RICHARD M.
	KINCANNON, JACK F.
	LOCHMOELLER, WILLIAM C.
	LOWE, JOHN G.
	METCALF, GORDON M.
	MEYER, CHARLES A.
	PFADO, A. M.
	SWIFT, A. DEAN
	TELLING, EDWARD R.
	WOOD, ARTHUR M.
HARRIS BANKCORP INC.	INTERNATIONAL HARVESTER COMPANY
	LANTERMAN, JOSEPH B.
	STANDARD OIL COMPANY OF INDIANA
	BURNHAM, JOSEPH A.
HOMART DEVELOPMENT CO.	COMMONWEALTH EDISON
	SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	FIRST CHICAGO CORPORATION
	SWIFT, A. DEAN
	SEARS, ROEBUCK AND CO.
	KINCANNON, JACK F.
	METCALF, GORDON M.
	MEYER, CHARLES A.
	SWIFT, A. DEAN
	TELLING, EDWARD R.
	WOOD, ARTHUR M.
SEARS, ROEBUCK AND CO.	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	CHASE MANHATTAN CORP.
	PACE, NORMA T.
	CITICORP
	SPENCER, WILLIAM I.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MORGAN, J. P., AND CO., INC.
	SHULTZ, GEORGE P.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
SIMPSON-SEARS LTD.	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	SEARS, ROEBUCK AND CO.
	WOOD, ARTHUR M.
FUNSTON, G. KEITH	
AVCO CORP.	ATLANTIC RICHFIELD COMPANY
	WILSON, KENDRICK R., JR.
	FIRST NATIONAL BOSTON CORP.
	CARTER, JOSEPH R.
HARTFORD STEAM BOILER INSPECTION & INSURANCE CO.	
IC INDUSTRIES, INC.	CATERPILLAR TRACTOR COMPANY
	NAUMANN, WILLIAM L.
	CONTINENTAL ILLINOIS CORPORATION
	JOHNSON, WILLIAM B.
	INTERNATIONAL HARVESTER COMPANY
	MORGAN, GRAHAM J.
INTERNATIONAL BUSINESS MACHINES CORP.	
	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	BANKERS TRUST NEW YORK CORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

MOORE, WILLIAM H.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

METROPOLITAN LIFE INSURANCE COMPANY
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

NATIONAL AVIATION & TECHNOLOGY CORP.
PAUL REVERE INVESTORS, INC.
PUTNAM TRUST CO.
REPUBLIC STEEL CORP.

WIN DIXIES STORES, INC.
GOELET, ROBERT G.
GOELET ESTATE CO.
GOELET REALTY CO.
RHODE ISLAND CORP.
HILLMAN, HENRY L.
COPELAND CORP.
CUMMINS ENGINE CO., INC.

NORTHWESTERN MUTUAL LIFE INSURANCE CO
HARRISON, H. STUART

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MILLER, J. IRWIN
CBS, INC.
SCHACHT, HENRY B.
THOMAS, FRANKLIN A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

	CITICORP
	THOMAS, FRANKLIN A.
	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	NEW YORK LIFE INSURANCE COMPANY
GENERAL ELECTRIC COMPANY	THOMAS, FRANKLIN A.
	AMERICAN EXPRESS COMPANY
	HENLEY, HENRY H., JR.
	CHASE MANHATTAN CORP.
	LAZARUS, RALPH
	CITICORP
	WRISTON, WALTER B.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	DANCE, WALKER D.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MORGAN, J. P., AND CO., INC.
	AUSTIN, J. PAUL
	DICKEY, CHARLES D., JR.
	PRESTON, LEWIS T.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PIERCE, SAMUEL RILEY, JR.
	SAFEWAY STORES, INC.
	BOSWELL, JAMES G., II
	SECURITY PACIFIC CORP.
	BOSWELL, JAMES G., II
	SOUTHERN PACIFIC COMPANY
	LITTLEFIELD, EDMUND W.
	WELLS FARGO AND COMPANY
	LITTLEFIELD, EDMUND W.
	BANKAMERICA CORPORATION
	ASH, ROY L.
GLOBAL MARINE, INC.	
HILLMAN COMPANY	
NATIONAL STEEL CORP.	
	BANKERS TRUST NEW YORK CORP
	MARTING, WALTER A.
	KRESGE, S. S., COMPANY
	BODMAN, HENRY T.
	CUNNINGHAM, HARRY B.
	NATIONAL DETROIT CORPORATION
	BODMAN, HENRY T.
	CUNNINGHAM, HARRY B.
	STINSON, GEORGE A.
PITTSBURGH NATIONAL CORP.	NATIONAL DETROIT CORPORATION
	STINSON, GEORGE A.
	UNITED STATES STEEL CORPORATION
	LARRY, R. HEATH
	WESTINGHOUSE ELECTRIC CORPORATION
	WILCOX, GEORGE L.
SHAKESPEARE CO.	
LEARSON, T. VINCENT	
INTERNATIONAL BUSINESS MACHINES CORP.	
	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	BANKERS TRUST NEW YORK CORP
	MOOPE, WILLIAM H.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CHASE MANHATTAN CORP.
	HARPIS, PATRICIA R.
	CITICORP
	BOUGHTON, AMORY, JR.
	SHAPIRO, IRVING S.
	CONTINENTAL ILLINOIS CORPORATION
	RIZZO, PAUL J.
	CONTINENTAL OIL COMPANY
	JONES, GILBERT E.
	DUPONT, E. I., DE NEMOURS AND CO.
	JONES, GILBERT E.
	SHAPIRO, IRVING S.
	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
	MOBIL CORPORATION
	WILLIAMS, ALBERT L.
	MORGAN, J. P., AND CO., INC.
	CARY, FRANK T.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	WATSON, THOMAS J., JR.
	SOUTHERN PACIFIC COMPANY
	BETCHEL, STEPHEN D., JR.
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	ATLANTIC RICHFIELD COMPANY
	KENDALL, DONALD M.
	BRANIFF INTERNATIONAL CORPORATION
	LAY, HERMAN W.
	STEWART, ROBERT H., III
PEPSICO INC.	CITICORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

	GARVIN, CLIFTON C., JR.
	DUKE POWER CO
	LAY, HERMAN W.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	GENERAL MOTORS CORP.
	ROCHE, JAMES M.
	INTERNATIONAL BUSINESS MACHINES CORP.
	COLEMAN, WILLIAM T., JR.
	MANUFACTURERS HANOVER CORPORATION
	LINDHOLM, WILLIAM L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	KENDALL, DONALD M.
LEBLOND, RICHARD K., II	
BARNES GROUP, INC.	
HOME LIFE INSURANCE CO.	
	AETNA LIFE AND CASUALTY COMPANY
	BARNES, WALLACE
	TRAVELERS INSURANCE COMPANY
	BARNES, CARLYLE F.
	AMERICAN EXPRESS COMPANY
	HENLEY, HENRY H., JR.
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	GENERAL PUBLIC UTILITIES CORP.
	KUHNS, WILLIAM G.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MARINE MIDLAND BANKS, INC.
	KUHNS, WILLIAM G.
	FEDERATED DEPARTMENT STORES, INC.
	LEBLOND, DANIEL W.
LEBLOND, INC.	
MARUSI, AUGUSTINE R.	
ADAMS EXPRESS CO.	
AMERICAN STANDARD INC.	
	AMERICAN BROADCASTING COMPANIES
	CHAPMAN, ALGER B.
	BANKERS TRUST NEW YORK CORP
	LENON, RICHARD A.
	CONSUMERS POWER COMPANY
	CUTLER, E. NEWTON, JR.
	MANUFACTURERS HANOVER CORPORATION
	LAPORTE, WILLIAM F.
	SHELL OIL COMPANY
	SPAGHT, MONROE E.
	UNITED STATES STEEL CORPORATION
	WALKER, WILBERT A.
	WINGATE, HENRY S.
BORDEN, INC.	
	CBS, INC.
	BROWN, COURTNEY C.
	CONSOLIDATED EDISON CO OF NEW YORK
	RENCHARD, WILLIAM S.
	WIEN, LAWRENCE A.
	CONTINENTAL CORPORATION, THE
	STEWART, PATRICIA CARRY
	MANUFACTURERS HANOVER CORPORATION
	FINLEY, JAMES D.
	NEW YORK LIFE INSURANCE COMPANY
	FINLEY, JAMES D.
	RENCHARD, WILLIAM S.
	SEABOARD COAST LINE INDUSTRIES, INC.
	RICE, WILLIAM THOMAS
	TRANS WORLD AIRLINES, INC.
	STEWART, PATRICIA CARRY
	UNION PACIFIC CORPORATION
	BROWN, COURTNEY C.
	WOOLWORTH, F. W., CO.
	CARRY, PATRICIA J.
BUCK ENGINEERING CO., INC.	
MOSBACHER, EMIL, JR.	
AVON PRODUCTS, INC.	
	ATLANTIC RICHFIELD COMPANY
	WILSON, KENDRICK R., JR.
	MANUFACTURERS HANOVER CORPORATION
	MITCHELL, DAVID W.
	MORGAN, J. P., AND CO., INC.
	BROWN, R. MANNING, JR.
	NEW YORK LIFE INSURANCE COMPANY
	BROWN, R. MANNING, JR.
	MITCHELL, DAVID W.
	RCA CORP.
	SELBY, CECILY C.
	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
CHUBB CORPORATION	
	CITICORP
	WRISTON, WALTER B.
	EASTERN AIRLINES, INC.
	PHALEN, CLIFTON W.
	GENERAL ELECTRIC COMPANY
	MICHELSON, GERTRUDE G.
	WRISTON, WALTER B.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	SAFEWAY STORES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

	CHUBB, PERCY, III
	MITCHELL, W. S.
FEDERAL INSURANCE CO.	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	SAFEWAY STORES, INC.
	CHUBB, PERCY, III
PUTNAM TRUST CO.	INTERNATIONAL BUSINESS MACHINES CORP.
	FUNSTON, G. KEITH
	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
UNITED MERCHANTS & MANUFACTURERS, INC.	
VIGILANT INSURANCE CO.	
NEWMAN, JAMES WILSON	
DUN AND BRADSTREET COMPANIES, INC.	BANKERS TRUST NEW YORK CORP
	BROOKS, JOHN W.
	THAYER, WALTER N.
	FRANIFF INTERNATIONAL CORPORATION
	THAYER, RUSSELL
	GULF OIL CORPORATION
	SINGER, EDWIN
	SEABOARD COAST LINE INDUSTRIES, INC.
	MCGUIRK, WILLIAM EDWARD, JR.
	UNION PACIFIC CORPORATION
	EVANS, JAMES B.
FIDELITY UNION BANCCORPORATION	CHAPTER NEW YORK CORP.
	GIBLIN, E. BUPKE
	SMILEY, DONALD B.
	CONTINENTAL CORPORATION, THE
	EBERLE, EDWARD R.
	WENTWORTH, NATHAN A.
	MAPINE MIDLAND BANKS, INC.
	MCKEE, JAMES WILSON, JR.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	DAVIS, C. MALCOLM
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	DAVIS, C. MALCOLM
	EBERLE, EDWARD P.
	WENTWORTH, NATHAN A.
	PCA CORP.
	SMILEY, DONALD B.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
GENERAL FOODS CORP.	AMERICAN EXPRESS COMPANY
	BOHM, MAGNUS R.
	CLARK, HOWARD L.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MCCARDELL, ARCHIE R.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	BANKERS TRUST NEW YORK CORP
	TAVOULAREAS, WILLIAM P.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CHASE MANHATTAN CORP.
	FERGUSON, JAMES L.
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ROBERTS, HENRY R.
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	CONTINENTAL OIL COMPANY
	MCCARDELL, ARCHIE R.
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	PETERSON, PETER G.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	MOBIL CORPORATION
	CLARK, HOWARD L.
	TAVOULAREAS, WILLIAM P.
	SHELL OIL COMPANY
	COOK, C. W.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
	HOLLAND, JEROME HEARTWELL
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL PAPER CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	ELLINGHAUS, WILLIAM M.
	MURPHY, WILLIAM B.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	GORMAN, PAUL A.
	CHASE MANHATTAN CORP.
	PRATT, EDMUND T., JR.
	SMITH, J. STANFORD

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
GENERAL MOTORS CORP.
SMITH, J. STANFORD
INTERNATIONAL HARVESTER COMPANY
HANSEN, ARTHUR GENE
PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.
PIERCE, SAMUEL RILEY, JR.
LOCKHEED AIRCRAFT CORPORATION ATLANTIC RICHFIELD COMPANY
DOWNER, JOSEPH P.
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
GREAT WESTERN FINANCIAL CORPORATION
SHAW, LESLIE N.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
SOUTHERN CALIFORNIA EDISON COMPANY
HORTON, JACK K.
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
WESTERN BANCORPORATION
HORTON, JACK K.
MUTUAL LIFE INSURANCE CO. OF NEW YORK
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
CITICORP
PALMER, EDWARD LEWIS
CROCKER NATIONAL CORPORATION
WILCOX, THOMAS R.
TEXACO, INC.
MCCALL, HOWARD W., JR.
TRANS WORLD AIRLINES, INC.
TILLINGHAST, CHARLES C.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS
WELLS FARGO AND COMPANY
MILLER, PAUL A.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.
PIERCY, GEORGE T.
ARABIAN OIL CO./
ARAMCO
CHEMICAL BANK
EXXON CORPORATION
GENERAL MOTORS CORP.
JENSEN, REUBEN R.
AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
CATERPILLAR TRACTOR COMPANY
FRANKLIN, WILLIAM H.
CHASE MANHATTAN CORP.
KAUFFMAN, HOWARD C.
CITICORP
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
EQUITABLE LIFE ASSURANCE
JAMIESON, J. K.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
PROCTER AND GAMBLE COMPANY
HARNESS, EDWARD G.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
PIVIROTT, RICHARD R.
ASSOCIATED DRY GOODS CORP.
CBS, INC.
BROWN, COURTNEY C.
EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
METROPOLITAN LIFE INSURANCE COMPANY
WEAVER, ROBERT C.
GENERAL AMERICAN INVESTORS CO., INC.
NEW YORK LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENNARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.

WESTINGHOUSE ELECTRIC CORPORATION
AETNA LIFE AND CASUALTY COMPANY
TAYLOR, HOBART, JR.
CITICORP
MILLIKEN, ROGER
EASTMAN KODAK COMPANY
EILERS, LOUIS K.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
TAYLOR, HOBART, JR.
MANUFACTURERS HANOVER CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
MELLON NATIONAL CORPORATION
BURNHAM, DONALD C.

PLACE, JOHN B. M.
ANACONDA CO.

ATLANTIC RICHFIELD COMPANY
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
ATLANTIC RICHFIELD COMPANY
DOWNER, JOSEPH P.
TEXACO, INC.
ROOSA, ROBERT V.
AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CBS, INC.
STANTON, FRANK
FIRST CHICAGO CORPORATION
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
PAN AMERICAN WORLD AIRWAYS, INC.
KENDALL, DONALD M.
STANTON, FRANK
PCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CHASE MANHATTAN CORP.
LILLEY, ROBERT D.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.

COMMUNICATIONS SATELLITE CORP.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
LAIRD, M. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PHILADELPHIA ELECTRIC COMPANY
HAGERTY, WILLIAM W.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY

CELANESE CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

LEVER BROTHERS

METROPOLITAN LIFE INSURANCE COMPANY

HARPER, JOHN DICKESON

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

BETHLEHEM STEEL CORPORATION

JENKINS, GEORGE P.

CHARTER NEW YORK CORP.

SMILEY, DONALD B.

CHASE MANHATTAN CORP.

SHINN, RICHARD R.

CITICORP

JENKINS, GEORGE P.

COMMONWEALTH EDISON

JOHNSON, G. E.

CONSOLIDATED EDISON CO OF NEW YORK

LUCE, CHARLES F.

CROCKER NATIONAL CORPORATION

SOLOMON, EMMETT G.

EASTMAN KODAK COMPANY

WALLIS, W. ALLEN

EXXON CORPORATION

PETERSON, MARTHA E.

FIRST CHICAGO CORPORATION

SIVAGE, GERALD A.

GENERAL MOTORS CORP.

MCLAUGHLIN, W. EARLE

SIVAGE, GERALD A.

GOODYEAR TIRE AND RUBBER COMPANY

HARPER, JOHN DICKESON

INTERNATIONAL BUSINESS MACHINES CORP.

FUNSTON, G. KEITH

MELLON NATIONAL CORPORATION

HARPER, JOHN DICKESON

MORGAN, J. P., AND CO., INC.

HOUGHTON, J. R.

NORTHWEST AIRLINES, INC.

LAIRD, M. R.

PACIFIC GAS AND ELECTRIC COMPANY

SOLOMON, EMMETT G.

PHILLIPS PETROLEUM COMPANY

LAIRD, M. R.

PROCTER AND GAMBLE COMPANY

HARPER, JOHN DICKESON

RCA CORP.

SMILEY, DONALD B.

UAL, INC.

LUCE, CHARLES F.

UNION CARBIDE CORPORATION

MASON, BIRNEY, JR.

SNEATH, WILLIAM S.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

PLATTEN, DONALD C.

ASSOCIATED DRY GOODS CORP.

CBS, INC.

BROWN, COURTNEY C.

EQUITABLE LIFE ASSURANCE

SEILER, LEWS P.

MORGAN, J. P., AND CO., INC.

BROWN, R. MANNING, JR.

NEW YORK LIFE INSURANCE COMPANY

BROWN, R. MANNING, JR.

PIVIROTT, RICHARD R.

UNION CARBIDE CORPORATION

BROWN, R. MANNING, JR.

UNION PACIFIC CORPORATION

BROWN, COURTNEY C.

WESTINGHOUSE ELECTRIC CORPORATION

PIVIROTT, RICHARD R.

EQUITABLE LIFE ASSURANCE

LONGNECKER, H. E.

SEILER, LEWS P.

GOODYEAR TIRE AND RUBBER COMPANY

PILLIOD, CHARLES JULE, JR.

MANUFACTURERS HANOVER CORPORATION

PILLIOD, CHARLES JULE, JR.

MARINE MIDLAND BANKS, INC.

MCKEE, JAMES WILSON, JR.

MORGAN, J. P., AND CO., INC.

PROCKNOW, DONALD E.

PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.

WESTERN ELECTRIC CO., INC.

PROCKNOW, DONALD E.

CPC INTERNATIONAL, INC.

THOMSON NEWSPAPERS, INC.

RENCHARD, WILLIAM S.

AMERADA HESS CORP.

AMERICAN BROADCASTING COMPANIES

HESS, LEON

PUBLIC SERVICE ELECTRIC AND GAS CO.

VAN FOSSAN, ROBERT V.

ARMSTRONG RUBBER CO.

BAKER INDUSTRIES INC.

BALDWIN SECURITIES CORP.

BORDEN, INC.

CBS, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

BROWN, COURTNEY C.
CONSOLIDATED EDISON CO OF NEW YORK
WIEN, LAWRENCE A.
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WOOLWORTH, F. W., CO.
CARRY, PATRICIA J.

C. I. REALTY INVESTORS
CLEVELAND CLIFFS IRON CO.

GULF OIL CORPORATION
BEEGLY, CHARLES M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
HARRISON, H. STUART

CONSOLIDATED EDISON CO OF NEW YORK

CONTINENTAL CORPORATION, THE
PAINE, PETER S.
EQUITABLE LIFE ASSURANCE
MUMFORD, MILTON C.
FORD MOTOR CO.
HEISKELL, MARTAN S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
BEINECKE, WILLIAM S.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.
UAL, INC.
LUCE, CHARLES F.

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

RICE, WILLIAM THOMAS
BORDEN, INC.

CBS, INC.
BROWN, COURTNEY C.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WIEN, LAWRENCE A.
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
RENCHARD, WILLIAM S.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WOOLWORTH, F. W., CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

CARRY, PATRICIA J.

FIRST & MERCHANTS CORP.
FLORIDA FIRST NATIONAL OF JACKSONVILLE
GRANITEVILLE COMPANY

HOME INSURANCE CO.

SEABOARD COAST LINE INDUSTRIES, INC.
DUKE POWER CO
MICKEL, BUCK
SEABOARD COAST LINE INDUSTRIES, INC.
MICKEL, BUCK
SEABOARD COAST LINE INDUSTRIES, INC.
HATCH, EDWIN I.
SOUTHERN COMPANY
HATCH, EDWIN I.

SEABOARD COAST LINE INDUSTRIES, INC.
DUKE POWER CO
MICKEL, BUCK
SOUTHERN COMPANY
HATCH, EDWIN I.
RADCLIFF, ROBERT H., JR.
VOGTLE, ALVIN W., JR.

VILA, GEORGE R.
BENDIX CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.
FOLSOM, RICHARD G.
CHASE MANHATTAN CORP.
EKLUND, C. G.
CONSUMERS POWER COMPANY
MOTT, C. S. HARDING
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
EQUITABLE LIFE ASSURANCE
AGEE, WILLIAM M.
EKLUND, C. G.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
KRESGE, S. S., COMPANY
CUNNINGHAM, HARRY B.
PURCELL, ROBERT W.
NATIONAL DETROIT CORPORATION
CUNNINGHAM, HARRY B.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.

CHURCH & DWIGHT CO., INC.
UNIROYAL INC.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
WOOLWORTH, F. W., CO.
LESCH, GEORGE H.

WALKER, WILBERT A.
AMERICAN STANDARD INC.

BANKERS TRUST NEW YORK CORP
LENON, RICHARD A.
CONSUMERS POWER COMPANY
CUTLER, E. NEWTON, JR.
MANUFACTURERS HANOVER CORPORATION
LAPORTE, WILLIAM F.
SHELL OIL COMPANY
SPAGHT, MONROE E.
UNITED STATES STEEL CORPORATION
WINGATE, HENRY S.

MARSH & MCLENNAN COMPANIES, INC.

COMMONWEALTH EDISON
BARR, JOHN A.
DETROIT EDISON COMPANY
GERSTENBERG, RICHARD C.
GENERAL MOTORS CORP.
GERSTENBERG, RICHARD C.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
NATIONAL DETROIT CORPORATION
GERSTENBERG, RICHARD C.
PUTNAM MANAGEMENT COMPANY, INC. (THE)
NEWHOUSE, ROBERT JOYCE, JR.
REGAN, JOHN MACVEIGH, JR.

MOLLER INDUSTRIES, INC.
SOUTHEAST FIRST BANK OF LARGO, FLORIDA
UNITED STATES STEEL CORPORATION

AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

	HERZOG, RAYMOND H.
	GENERAL MOTORS CORP.
	BRANCH, HAPLEE, JR.
	DEBUTTS, JOHN D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MANUFACTURERS HANOVER CORPORATION
	BEEPS, WILLIAM O.
	MELLON NATIONAL CORPORATION
	GOTT, EDWIN H.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	NORTHWEST AIRLINES, INC.
	HERZOG, RAYMOND H.
	PROCTER AND GAMBLE COMPANY
	SPEER, EDGAR B.
	FCA CORP.
	SMILEY, DONALD B.
	SEARS, ROEBUCK AND CO.
	BEEPS, WILLIAM O.
WALLACE, MARTHA REDFIELD	
AMERICAN CAN COMPANY	
	AMERICAN EXPRESS COMPANY
	ETHERINGTON, EDWIN D.
	BANKERS TRUST NEW YORK CORP
	MAY, WILLIAM F.
	MOORE, WILLIAM H.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	FEDERATED DEPARTMENT STORES, INC.
	LACHMAN, LAWRENCE
	INTERNATIONAL BUSINESS MACHINES CORP.
	MOORE, WILLIAM H.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BROOKFIELD, DUTTON
	SEARS, ROEBUCK AND CO.
	TELLING, EDWARD R.
AMERICAN EXPRESS COMPANY	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	WARNER, RAWLEIGH, JR.
	CHASE MANHATTAN CORP.
	FURLAUD, RICHARD M.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	CONTINENTAL OIL COMPANY
	MCCARDELL, ARCHIE R.
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	WARNER, RAWLEIGH, JR.
	TEXACO, INC.
	POOSA, ROBERT V.
	UNION PACIFIC CORPORATION
	ROBINSON, JAMES D., III
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
BOWERY SAVINGS BANK	
	METROPOLITAN LIFE INSURANCE COMPANY
	WEAVER, ROBERT C.
	NEW YORK LIFE INSURANCE COMPANY
	PIVIROTT, RICHARD R.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
BRISTOL-MYERS CO.	
	AMERICAN EXPRESS COMPANY
	HENLEY, HENRY H., JR.
	ROBINSON, JAMES D., III
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	ELLINGHAUS, WILLIAM M.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	GELB, RICHARD L.
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	PENNEY, J. C., CO., INC.
	ELLINGHAUS, WILLIAM M.
	UNION PACIFIC CORPORATION
	EVANS, JAMES H.
	ROBINSON, JAMES D., III
LUCE, HENRY, FOUNDATION, INC.	
NEW YORK TELEPHONE COMPANY	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	CBS, INC.
	THOMAS, FRANKLIN A.
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	BOUGHTON, AMORY, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

THOMAS, FRANKLIN A.
EASTERN AIRLINES, INC.
HALL, FLOYD D.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
LINDHOLM, WILLIAM L.
MARINE MIDLAND BANKS, INC.
WENDEL, WILLIAM H.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
THOMAS, FRANKLIN A.
PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.

SCUDDER DUO-VEST EXCHANGE FUND, INC.
SCUDDER DUO-VEST, INC.
WARNER, RAWLEIGH, JR.
AMERICAN EXPRESS COMPANY

CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FURLAUD, RICHARD M.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MOBIL CORPORATION
CLARK, HOWARD L.
TEXACO, INC.
ROOSA, ROBERT V.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

CATERPILLAR TRACTOR COMPANY AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
EXXON CORPORATION
FRANKLIN, WILLIAM H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
MORGAN, LEE L.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
SHELL OIL COMPANY
BLACKIE, WILLIAM
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
MOBIL CORPORATION
DONNELL, EDWARD S.
RIORDAN, JAMES QUENTIN
TAVOULAREAS, WILLIAM P.
TUCKER, RICHARD F.
AMERICAN EXPRESS COMPANY
CLARK, HOWARD L.
BANKERS TRUST NEW YORK CORP
LAPHAM, LEWIS A.
TAVOULAREAS, WILLIAM P.
CITICORP
SHELDON, ELEANOR H. B.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
INTERNATIONAL BUSINESS MACHINES CORP.
WILLIAMS, ALBERT L.
ATLANTIC RICHFIELD COMPANY
FREEMAN, GAYLORD
CONSOLIDATED EDISON CO OF NEW YORK
HEISKELL, MARIAN S.
CONTINENTAL OIL COMPANY
PACE, FRANK, JR.
FIRST CHICAGO CORPORATION
FREEMAN, GAYLORD
FORD MOTOR CO.
HEISKELL, MARIAN S.
INTERNATIONAL BUSINESS MACHINES CORP.
WATSON, THOMAS J., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
PAN AMERICAN WORLD AIRWAYS, INC.
LINOWITZ, SOL M.
WATSON, THOMAS J., JR.

MARCOR INC.

MOBIL CORPORATION

TIME, INC.

WILLIAMS, FRANKLIN H.
CONSOLIDATED EDISON CO OF NEW YORK
CONTINENTAL CORPORATION, THE
PAINE, PETER S.
EQUITABLE LIFE ASSURANCE
MUMFORD, MILTON C.
FORD MOTOR CO.
HEISKELL, MARIAN S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
BEINECKE, WILLIAM S.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
RENRHARD, WILLIAM S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.
UAL, INC.
LUCE, CHARLES F.

PHELPS-STOKES FUND
WOOD, RICHARD D.
ELI LILLY & CO.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
WILLIAMS, ALBERT L.
MOBIL CORPORATION
WILLIAMS, ALBERT L.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

STANDARD OIL COMPANY OF INDIANA
BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
CHASE MANHATTAN CORP.
SWEARINGEN, JOHN E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHEMICAL NEW YORK CORPORATION

COMMONWEALTH EDISON

WRIGHT, JOSEPH S.

CONTINENTAL ILLINOIS CORPORATION

MALOTT, ROBERT H.

WRIGHT, JOSEPH S.

YARRINGTON, BLAINE J.

FIRST CHICAGO CORPORATION

ABBOUD, ROBERT A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
POP CHESSIE SYSTEM, INC.

DEANE, FREDERICK, JR.	FIRST CHICAGO CORPORATION
BANK OF VIRGINIA CO.	GRAHAM, WILLIAM B.
	VEPCO
	MCGURN, JOHN M.
CANADIAN FINANCIAL CORP.	
CHESAPEAKE AND OHIO RAILWAY CO.	
DECKER, ALONZO G., JR.	INTERNATIONAL BUSINESS MACHINES CORP.
AMF INC.	CARY, FRANK T.
	MANUFACTURERS HANOVER CORPORATION
	MCGILLICUDDY, JOHN F.
	MORGAN, J. P., AND CO., INC.
	CARY, FRANK T.
	SHELL OIL COMPANY
	COOK, C. W.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
BALTIMORE & OHIO RAILROAD CO.	
BALTIMORE GAS & ELECTRIC CO.	BANKERS TRUST NEW YORK CORP
	BAYLIS, CHESTER, JR.
BLACK AND DECKER MANUFACTURING COMPANY	
	EQUITABLE LIFE ASSURANCE
	SEILER, LEWS P.
	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
CHESAPEAKE AND OHIO RAILWAY CO.	
FIRST MARYLAND BANCORP.	AMERICAN STORES COMPANY
	GRAGG, WILLIFORD
	PRICE (T. ROWE) ASSOCIATES, INC.
	PEARLSTONE, JACK H., JR.
FIRST NATIONAL BANK OF MD.	
MONUMENTAL CORP.	PRICE (T. ROWE) ASSOCIATES, INC.
	PEARLSTONE, JACK H., JR.
MONUMENTAL LIFE INS. CO.	
WESTERN MD. RAILWAY CO.	
DEVINE, GREGORY S.	
CENTRAN CORP.	
ELGIN NATIONAL INDUSTRIES, INC.	
EATON, CYRUS S.	
EISENHOWER, MILTON S.	
KIMPTON, LAWRENCE A.	
LEFEVRE, FAY (DR.)	
O'KEEFE, JAMES L.	
BRINKS, INC.	
WOODHEAD DANIEL CO.	
PRICE, W. JAMES	
PETERSON HOWELL & HEATHER INC.	
STEVENSON, JOHN K.	
CHESAPEAKE AND OHIO RAILWAY CO.	
STEVENSON, R. M., CO.	
WATKINS, RAYS T.	
BLACK AND DECKER MANUFACTURING COMPANY	
	EQUITABLE LIFE ASSURANCE
	SEILER, LEWS P.
	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	PRICE (T. ROWE) ASSOCIATES, INC.
	PEARLSTONE, JACK H., JR.
MONUMENTAL CORP.	
	RICHMOND FREDERICKSBURG & POTOMAC RAILROAD
	SEABOARD COAST LINE INDUSTRIES, INC.
	OSBORN, PRIME FRANCIS, III

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHRYSLER CORPORATION

BRIGHT, R. S.
BROWN, R. K.
BRYAN, ANTHONY J. A.
CAMERON IRON WORKS, INC.

EASTERN AIRLINES, INC.
BORMAN, FRANK
ELKINS, JAMES A.
TENNECO, INC.
ALLEN, HERBERT

FIRST CITY BANCORPORATION OF TEXAS INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
EASTERN AIRLINES, INC.
ELKINS, JAMES A.

GREAT SOUTHERN CORP.
HAMILTON BROTHERS PETROLEUM CORP.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.

SOUTHERN RAILWAY COMPANY
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DAVIS, ARCHIE K.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
WESTERN BANCORPORATION
MUDD, HENRY T.

CAFTERO, E. A.
DETROIT BANK CORP.

DETROIT EDISON COMPANY
GIBLIN, EDWARD J.
PERRING, RAYMOND T.
SCHWARTZ, ALAN EARL

COLEMAN, JOHN H.
BEATRICE FOODS CO.

CITICORP
COSTANZO, G. A.
CONTINENTAL ILLINOIS CORPORATION
KARNES, WILLIAM G.
INTERNATIONAL HARVESTER COMPANY
VOSS, OMER G.

CHRYSLER CANADA, LTD.
COLGATE PALMOLIVE, LTD.
GREAT-WEST LIFE ASSURANCE CO.
HAWKER SIDDLLEY, CANADA
HUNTER DOUGLAS N. V.
IMASCO, LTD.
INTERNATIONAL MINERALS & CHEMICAL CORP.

BANKERS TRUST NEW YORK CORP
BAYLIS, CHESTER, JR.
LENON, RICHARD A.
KRESGE, S. S., COMPANY
PURCELL, ROBERT W.
MELLON NATIONAL CORPORATION
RYAN, JOHN T., JR.
UNION PACIFIC CORPORATION
TAYLOR, VERNON F., JR.

MARITIME STEEL AND FOUNDRIES
ROYAL BANK OF CANADA
TRANS CANADA PIPE LINES, LTD.

UNION CARBIDE CORPORATION
SINCLAIR, IAN D.

XEROX OF CANADA, LTD.
DEGRANDPRE, A. JEAN
BELL CANADA

AMERICAN EXPRESS COMPANY
RAMINSKY, LOUIS
CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
METROPOLITAN LIFE INSURANCE COMPANY
ROBARTS, JOHN PARMENTER
UNITED STATES STEEL CORPORATION
SCRIVENER, ROBERT CARLTON
DUPONT, E. I., DE NEMOURS AND CO.
DALLAS, JOSEPH A.

DUPONT OF CANADA, LTD.

CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
CONSOLIDATED FREIGHTWAYS, INC.
YOUNG, W. MAURICE
SAFEWAY STORES, INC.
YOUNG, W. MAURICE
UNITED STATES STEEL CORPORATION
SCRIVENER, ROBERT CARLTON

NORTHERN TELECOM LIMITED

CONSOLIDATED FREIGHTWAYS, INC.
YOUNG, W. MAURICE
SAFEWAY STORES, INC.
YOUNG, W. MAURICE
UNION CARBIDE CORPORATION
SINCLAIR, IAN D.

ROYAL INSURANCE CO., LTD.
STEEL COMPANY OF CANADA, LTD.
TORONTO-DOMINION BANK

TRANS CANADA PIPE LINES, LTD.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOR CHRYSLER CORPORATION
 DILLWORTH, J. RICHARDSON
 CHASE MANHATTAN CORP.

AMERICAN EXPRESS COMPANY
 FURLAUD, RICHARD M.
 CONTINENTAL CORPORATION, THE
 BARBER, CHARLES F.
 LILLEY, ROBERT D.
 EQUITABLE LIFE ASSURANCE
 EKLUND, C. G.
 EXXON CORPORATION
 KAUFFMAN, HOWARD C.
 FEDERATED DEPARTMENT STORES, INC.
 LAZARUS, RALPH
 GENERAL ELECTRIC COMPANY
 LAZARUS, RALPH
 GENERAL MOTORS CORP.
 CONNOR, JOHN T.
 SMITH, J. STANFORD
 INTERNATIONAL BUSINESS MACHINES CORP.
 HARRIS, PATRICIA R.
 METROPOLITAN LIFE INSURANCE COMPANY
 SHINN, RICHARD R.
 NORTHWEST AIRLINES, INC.
 BINGER, JAMES H.
 SEARS, ROEBUCK AND CO.
 PACE, NORMA T.
 STANDARD OIL COMPANY OF INDIANA
 SWEAPINGEN, JOHN E.
 UNION CARBIDE CORPORATION
 FERGUSON, JAMES L.
 UNITED STATES STEEL CORPORATION
 MYERS, CHARLES F., JR.

INTERNATIONAL BASIC ECONOMY CORP.

CHAPTER NEW YORK CORP.
 DUNCAN, JOHN C.
 GENERAL ELECTRIC COMPANY
 PIERCE, SAMUEL RILEY, JR.
 KRESGE, S. S., COMPANY
 PURCELL, ROBERT W.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 PIERCE, SAMUEL RILEY, JR.
 CHAPTER NEW YORK CORP.
 SMILEY, DONALD B.
 CHASE MANHATTAN CORP.
 LILLEY, ROBERT D.
 CITICORP

MACY, R. H., AND CO., INC.

FOUPAKER, LAWRENCE E.
 CONTINENTAL CORPORATION, THE
 LILLEY, ROBERT D.
 WILSON, F. PERRY
 GENERAL ELECTRIC COMPANY
 MICHELSON, GERTRUDE G.
 MANUFACTURERS HANOVER CORPORATION
 WILSON, F. PERRY
 METROPOLITAN LIFE INSURANCE COMPANY
 SMILEY, DONALD B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 BEALE, O. E.
 RCA CORP.

OMEGA FUND, INC.

FOURFAFF, LAWRENCE E.
 SMILEY, DONALD B.
 UNION CARBIDE CORPORATION
 WILSON, F. PERRY
 UNITED STATES STEEL CORPORATION
 SMILEY, DONALD B.
 CHAPTER NEW YORK CORP.
 SMILEY, DONALD B.
 CITICORP
 GRACE, J. PETER
 METROPOLITAN LIFE INSURANCE COMPANY
 SMILEY, DONALD B.
 RCA CORP.
 SMILEY, DONALD B.
 UNITED STATES STEEL CORPORATION
 SMILEY, DONALD B.
 KRESGE, S. S., COMPANY
 PURCELL, ROBERT W.

ROCKEFELLER CENTER, INC.

ROCKEFELLER FAMILY & ASSOCIATES
 FLEMING, ROBBEN W.
 DEERE & CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HEWITT, WILLIAM A.
 CONTINENTAL ILLINOIS CORPORATION
 HEWITT, WILLIAM A.
 CONTINENTAL OIL COMPANY
 HEWITT, WILLIAM A.
 FIRST CHICAGO CORPORATION
 CARLSON, EDWARD E.
 GRAHAM, WILLIAM B.
 GOODYEAR TIRE AND RUBBER COMPANY
 SMITH, LLOYD B.
 UAL, INC.
 CARLSON, EDWARD E.

GILLESPIE, G. H.
 GRIFFITHS, MARTHA W.
 CONSUMERS POWER COMPANY

BANKERS TRUST NEW YORK CORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHRYSLER CORPORATION

HANNON, JOHN W., JR.
 KRESGE, S. S., COMPANY
 AYMOND, A. H.
 NATIONAL DETROIT CORPORATION
 AYMOND, A. H.
 MCKONE, DON T.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 AYMOND, A. H.
 KRESGE, S. S., COMPANY
 CONSUMERS POWER COMPANY
 AYMOND, A. H.
 DETROIT EDISON COMPANY
 HARPER, DAVID B.
 NATIONAL DETROIT CORPORATION
 AYMOND, A. H.
 BODMAN, HENRY T.
 CUNNINGHAM, HARRY B.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 AYMOND, A. H.
 NATIONAL DETROIT CORPORATION
 AMERICAN AIR LINES, INC.
 FISCHER, CHARLES T., III
 CONSUMERS POWER COMPANY
 AYMOND, A. H.
 MCKONE, DON T.
 DETROIT EDISON COMPANY
 FISCHER, CHARLES T., III
 GERSTENBERG, RICHARD C.
 HAMANN, JOHN R.
 HUDSON, JOSEPH L., JR.
 GENERAL MOTORS CORP.
 FISCHER, CHARLES T., III
 GERSTENBERG, RICHARD C.
 KRESGE, S. S., COMPANY
 AYMOND, A. H.
 BODMAN, HENRY T.
 CUNNINGHAM, HARRY B.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 AYMOND, A. H.
 HALABY, NAJEEB E.
 ARABAIR SERVICES CORP., LTD.
 ATKINS & MERRILL, INC.
 AUB SERVICES CORP.
 BANK OF AMERICA-NEW YORK
 BANKAMERICA CORPORATION
 DUPONT, E. I., DE NEMOURS AND CO.
 BRIMMER, ANDREW F.
 INTERNATIONAL HARVESTER COMPANY
 BRIMMER, ANDREW F.
 OCCIDENTAL PETROLEUM CORPORATION
 STEWART, SAMUEL BRADFORD
 PACIFIC GAS AND ELECTRIC COMPANY
 WENTE, KARL L.
 PAN AMERICAN WORLD AIRWAYS, INC.
 DILLINGHAM, LOWELL S.
 SOUTHERN CALIFORNIA EDISON COMPANY
 MCDANIEL, THOMAS M., JR.
 STANDARD OIL COMPANY OF CALIFORNIA
 GRAY, JOHN R.
 UAL, INC.
 BRIMMER, ANDREW F.
 UNION OIL COMPANY OF CALIFORNIA
 DI GIORGIO, ROBERT
 HALABY INTERNATIONAL CORP.
 INTER-ASIA MANAGEMENT CO., LTD.
 MENLO FINANCIAL CORP.
 HAUGE, GABRIEL
 AMAX, INC.
 AMERICAN HOME PRODUCTS CORP.
 BROOKLYN UNION GAS CO.
 DISCOUNT CORP. OF NEW YORK
 GENERAL AMERICAN INVESTORS, INC.
 MANUFACTURERS HANOVER CORPORATION
 INTERNATIONAL BUSINESS MACHINES CORP.
 COLEMAN, WILLIAM T., JR.
 PAN AMERICAN WORLD AIRWAYS, INC.
 COLEMAN, WILLIAM T., JR.
 MANUFACTURERS HANOVER CORPORATION
 LAPORTE, WILLIAM F.
 CONTINENTAL ILLINOIS CORPORATION
 RIZZO, PAUL J.
 INTERNATIONAL BUSINESS MACHINES CORP.
 RIZZO, PAUL J.
 MORGAN, J. P., AND CO., INC.
 COLLADO, EMILLIO G.
 PENNEY, J. C., CO., INC.
 AXELSON, KENNETH S.
 AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.
 AMERICAN BROADCASTING COMPANIES
 MACIOCE, THOMAS M.
 AMERICAN EXPRESS COMPANY
 HENLEY, HENRY H., JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEROME HEARTWELL
 LINDHOLM, WILLIAM L.
 CONSOLIDATED EDISON CO OF NEW YORK
 BEINECKE, WILLIAM S.
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEROME HEARTWELL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHRYSLER CORPORATION

RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIFF, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
MITCHELL, DAVID W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
BENCHARD, WILLIAM S.
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
BENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

NEW YORK TELEPHONE COMPANY

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
CBS, INC.
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CITICORP
HOUGHTON, AMORY, JR.
THOMAS, FRANKLIN A.
EASTERN AIRLINES, INC.
HALL, FLOYD D.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
MARINE MIDLAND BANKS, INC.
WENDEL, WILLIAM H.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.

SAS, INC.
HEWLETT, WILLIAM R.
CHASE MANHATTAN CORP.

AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
LILLEY, ROBERT D.
EQUITABLE LIFE ASSURANCE
EKLUND, C. G.
EXXON CORPORATION
KAUFFMAN, HOWARD C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHRYSLER CORPORATION

	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GENERAL ELECTRIC COMPANY
	LAZARUS, RALPH
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	INTERNATIONAL BUSINESS MACHINES CORP.
	HARRIS, PATRICIA R.
	METROPOLITAN LIFE INSURANCE COMPANY
	SHINN, RICHARD R.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	SEARS, ROEBUCK AND CO.
	PACE, NORMA T.
	STANDARD OIL COMPANY OF INDIANA
	SWEARINGEN, JOHN E.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
HEWLETT PACKARD CORP.	CATERPILLAR TRACTOR COMPANY
	PACKARD, DAVID
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	FORD MOTOR CO.
	BENNETT, GEORGE F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
	SAFeway STORES, INC.
	ARBUCKLE, ERNEST C.
	STANDARD OIL COMPANY OF CALIFORNIA
	PACKARD, DAVID
	TRANS WORLD AIRLINES, INC.
	PACKARD, DAVID
	WELLS FARGO AND COMPANY
	ARBUCKLE, ERNEST C.
KAISER FOUNDATION HOSPITAL & HEALTH PLAN	FORD MOTOR CO.
UTAH INTERNATIONAL, INC.	MILLER, ARJAY
	GENERAL ELECTRIC COMPANY
	LITTLEFIELD, EDMUND W.
	MOBIL CORPORATION
	BORCH, FRED J.
	SOUTHERN PACIFIC COMPANY
	LITTLEFIELD, EDMUND W.
	UNION PACIFIC CORPORATION
	ECCLES, GEORGE S.
	WELLS FARGO AND COMPANY
	LITTLEFIELD, EDMUND W.
	MILLER, ARJAY
HOLLAND, JEROME HEARTWELL	
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	BROWN, CHARLES L.
	WARNER, RAWLEIGH, JR.
	CITICORP
	DEBUTTS, JOHN D.
	CONTINENTAL ILLINOIS CORPORATION
	HEWITT, WILLIAM A.
	CONTINENTAL OIL COMPANY
	HEWITT, WILLIAM A.
	DUPONT, E. I., DE NEMOURS AND CO.
	BROWN, CHARLES L.
	EXXON CORPORATION
	MACNAUGHTON, DONALD S.
	GENERAL MOTORS CORP.
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	HANIFY, EDWARD B.
	MANUFACTURERS HANOVER CORPORATION
	LINDHOLM, WILLIAM L.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	CLEARY, CATHERINE B.
	PENNEY, J. C., CO., INC.
	BATTEN, WILLIAM M.
	ELLINGHAUS, WILLIAM M.
	PROCTER AND GAMBLE COMPANY
	SPEER, EDGAR B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	MACNAUGHTON, DONALD S.
	SOUTHERN CALIFORNIA EDISON COMPANY
	CARTER, EDWARD W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF CHRYSLER CORPORATION

SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE R.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANK CORPORATION
CASTER, EDWARD W.
CONTINENTAL CORPORATION, THE CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETEP S.
MANUFACTURERS HANOVER CORPORATION
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPP, GEORGE G.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
BEEBLE, EDWARD B.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
WILSON, F. PERRY
CYLERO CORP.
FEDERATED DEPARTMENT STORES, INC.
CHASE MANHATTAN CORP.
LAZARUS, RALPH
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
FIGGINS, W. P.
JOHNSON, H. W.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
GENERAL FOODS CORP.
AMERICAN EXPRESS COMPANY
BORN, MAGNUS S.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
AMERICAN AIR LINES, INC.
BEEBS, WILLIAM G.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPP, GEORGE G.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHRYSLER CORPORATION

	NEW YORK LIFE INSURANCE COMPANY
	FINLEY, JAMES D.
	HAUGE, GABRIEL
	MITCHELL, DAVID W.
	SEARS, ROEBUCK AND CO.
	BEERS, WILLIAM O.
	SOUTHERN PACIFIC COMPANY
	MUNROE, GEORGE B.
	UNION CARBIDE CORPORATION
	WILSON, F. PERRY
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
	WHITMAN, MARINA V. N.
NEW YORK STOCK EXCHANGE	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BATTEN, WILLIAM M.
	GENERAL MOTORS CORP.
	ROCHE, JAMES M.
	MARINE MIDLAND BANKS, INC.
	OWENS, CORNELIUS W.
	PENNEY, J. C., CO., INC.
	BATTEN, WILLIAM M.
	MACBAIN, GAVIN KEITH
UNION CARBIDE CORPORATION	CHASE MANHATTAN CORP.
	FERGUSON, JAMES L.
	CONTINENTAL CORPORATION, THE
	WILSON, F. PERRY
	MANUFACTURERS HANOVER CORPORATION
	WILSON, F. PERRY
	METROPOLITAN LIFE INSURANCE COMPANY
	MASON, BIRNEY, JR.
	SNEATH, WILLIAM S.
	MORGAN, J. P., AND CO., INC.
	BROWN, R. MANNING, JR.
	NEW YORK LIFE INSURANCE COMPANY
	BROWN, R. MANNING, JR.
	PENNEY, J. C., CO., INC.
	JACKSON, JACK B.
ZURN INDUSTRIES, INC.	
KILLEFER, TOM	
AMERICAN NATURAL RESOURCES CO.	NATIONAL DETROIT CORPORATION
	SEDER, ARTHUR RAYMOND, JR.
	SEMPLE, ROBERT B.
UNITED STATES TRUST COMPANY	AMERICAN EXPRESS COMPANY
	AMMIDON, HOYT
	CLARK, HOWARD L.
	ETHERINGTON, EDWIN D.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	JOHNSON, BELTON K.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	CONTINENTAL OIL COMPANY
	BUEK, C. W.
	JONES, GILBERT E.
	DUPONT, E. I., DE NEMOURS AND CO.
	JONES, GILBERT E.
	EQUITABLE LIFE ASSURANCE
	BUEK, C. W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	JONES, GILBERT E.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	HAMILTON, FREDERIC C.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	PENNEY, J. C., CO., INC.
	MACBAIN, GAVIN KEITH
MACDONALD, RAY W.	
BURROUGHS CORP.	
	DETROIT EDISON COMPANY
	SCHWARTZ, ALAN EARL
	EQUITABLE LIFE ASSURANCE
	WHARTON, CLIFTON R.
	FORD MOTOR CO.
	WHARTON, CLIFTON R.
	KRESGE, S. S., COMPANY
	CUNNINGHAM, HARRY B.
	NATIONAL DETROIT CORPORATION
	CUNNINGHAM, HARRY B.
	SURDAM, ROBERT M.
MICHIGAN BELL TELEPHONE CO.	KRESGE, S. S., COMPANY
	BODMAN, HENRY T.
	NATIONAL DETROIT CORPORATION
	BODMAN, HENRY T.
	EASLICK, DAVID K.
RICCARDO, JOHN	
SEMPLE, ROBERT B.	
AMERICAN NATURAL RESOURCES CO.	NATIONAL DETROIT CORPORATION
	SEDER, ARTHUR RAYMOND, JR.
ATLANTIC MUTUAL INSURANCE CO.	CITICORP
	GRACE, J. PETER
	CONSOLIDATED EDISON CO OF NEW YORK
	CONWAY, VIRGIL E.
BASF WYANDOTTE CORP.	
MICHIGAN CONSOLIDATED GAS CO.	NATIONAL DETROIT CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CHRYSLER CORPORATION

NATIONAL BANK OF DETROIT	SEDER, ARTHUR RAYMOND, JR. AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III DETROIT EDISON COMPANY FISCHER, CHARLES T., III GENERAL MOTORS CORP. FISCHER, CHARLES T., III NATIONAL DETROIT CORPORATION FISCHER, CHARLES T., III SURDAM, ROBERT M.
NATIONAL DETROIT CORPORATION	AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III CONSUMERS POWER COMPANY AYMOND, A. H. GRIFFITHS, MARTHA W. MCKONE, DON T. DETROIT EDISON COMPANY FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. HAMANN, JOHN R. HUDSON, JOSEPH L., JR. GENERAL MOTORS CORP. FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. KRESGE, S. S., COMPANY AYMOND, A. H. BODMAN, HENRY T. CUNNINGHAM, HARRY B. GRIFFITHS, MARTHA W. NORTHWESTERN MUTUAL LIFE INSURANCE CO AYMOND, A. H.
YOUNG, GEORGE B. CNA INCOME SHAPES, INC. INDUSTPIAL NUCLEONICS CORP.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
POP CITICORP

ALDINGTON, LORD
GENERAL ELECTRIC COMPANY LTD.
LLOYDS BANK LTD.
NATIONAL NUCLEAR CORPORATION LTD.
SUN ALLIANCE & LONDON INSURANCE LTD.
WESTLAND AIRCRAFT LTD.
BARNETT, FRANK E.
SEAMAN'S BANK FOR SAVINGS

UNION PACIFIC CORPORATION

COHEN, ARTHUR G.
ARLEN REALTY & DEVELOPMENT CORP.
CHICAGO TITLE INSURANCE CO.
COSTANZO, G. A.
BEATRICE FOODS CO.

INTERNATIONAL BANKING CORP.
MERCANTILE BANK OF CANADA
NCR CORP.

OWENS-ILLINOIS, INC.

DEBUTTS, JOHN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
UNION PACIFIC CORPORATION
EVANS, JAMES H.
UNITED STATES STEEL CORPORATION
WINGATE, HENRY S.
AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
CBS, INC.
BROWN, COURTNEY C.
LOVETT, ROBERT A.
CHARTER NEW YORK CORP.
MITCHELL, HAMILTON B.
SECURITY PACIFIC CORP.
LAWLER, OSCAR T.
WESTERN BANCORPORATION
ROTH, ROBERT W.
WESTERN ELECTRIC CO., INC.
KENEFFICK, JOHN C.

CHRYSLER CORPORATION
COLEMAN, JOHN H.
CONTINENTAL ILLINOIS CORPORATION
KARNES, WILLIAM G.
INTERNATIONAL HARVESTER COMPANY
VOSS, OMER G.

CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
HARDESTY, CHARLES HOWARD, JR.
FORD MOTOR CO.
OELMAN, ROBERT S.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
GOODYEAR TIRE AND RUBBER COMPANY
DODD, EDWIN D.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DODD, EDWIN D.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
ROHATYN, FELIX G.

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
FENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

GENERAL MOTORS CORP.

SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HAPLEE, JR.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

UNITED STATES STEEL CORPORATION

AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.

KRAFTCO CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

FOURAKER, LAWRENCE E.
GILLETTE CO.

EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST NATIONAL BOSTON CORP.
MOCKLER, COLMAN M., JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
MOCKLER, COLMAN M., JR.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.
SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
CONTINENTAL ILLINOIS CORPORATION
BAUMHART, RAYMOND C.
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
GENERAL ELECTRIC COMPANY
CATHCART, SILAS S.
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
LILLEY, ROBERT D.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
WILSON, F. PERRY
GENERAL ELECTRIC COMPANY
MICHELSON, GERTRUDE G.
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERRY
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
BEALE, O. E.
RCA CORP.
SMILEY, DONALD B.
UNION CARBIDE CORPORATION
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

JEWEL COMPANIES, INC.

MACY, R. H., AND CO., INC.

NATIONAL BROADCASTING CO., INC.

ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
RCA CORP.
BRADSHAW, THORNTON F.
GRIFFITHS, EDGAR H.
KENNEDY, WILLIAM J., III
SELBY, CECILY C.
SMILEY, DONALD B.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

NEW ENGLAND MUTUAL LIFE INSURANCE CO.
RCA CORP.

ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	MARINE MIDLAND BANKS, INC.
	PETTY, JOHN ROBERT
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
TEXAS EASTERN TRANSMISSION CORP.	
	TRANSAMERICA CORPORATION
	BECKETT, JOHN R.
	GOODRICH, BAXTER D.
GARVIN, CLIFTON C., JR.	
EXXON CORPORATION	
	AETNA LIFE AND CASUALTY COMPANY
	GRAY, HARRY J.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MACNAUGHTON, DONALD S.
	CATERPILLAR TRACTOR COMPANY
	FPANKLIN, WILLIAM R.
	CHASE MANHATTAN CORP.
	KAUFFMAN, HOWARD C.
	CHEMICAL NEW YORK CORPORATION
	PIERCY, GEORGE T.
	EQUITABLE LIFE ASSURANCE
	JAMIFSON, J. K.
	METROPOLITAN LIFE INSURANCE COMPANY
	PETERSON, MARTHA E.
	PROCTER AND GAMBLE COMPANY
	HARNESSE, EDWARD G.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	MACNAUGHTON, DONALD S.
PEPSICO INC.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	ATLANTIC RICHFIELD COMPANY
	KENDALL, DONALD M.
	BRANIFF INTERNATIONAL CORPORATION
	LAY, HERMAN W.
	STEWART, ROBERT H., III
	CHEMICAL NEW YORK CORPORATION
	LEARSON, T. VINCENT
	DUKE POWER CO
	LAY, HERMAN W.
	GENERAL MOTORS CORP.
	ROCHE, JAMES M.
	INTERNATIONAL BUSINESS MACHINES CORP.
	COLEMAN, WILLIAM T., JR.
	LEAPSON, T. VINCENT
	MANUFACTURERS HANOVER CORPORATION
	LINDHOLM, WILLIAM L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	KENDALL, DONALD M.
GRACE, J. PETER	
ATLANTIC MUTUAL INSURANCE CO.	CHRYSLER CORPORATION
	SEMPLE, ROBERT B.
	CONSOLIDATED EDISON CO OF NEW YORK
	CONWAY, VIRGIL E.
	NATIONAL DETROIT CORPORATION
	SEMPLE, ROBERT B.
GRACE, W. R., AND CO.	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	COMMONWEALTH EDISON
	PRINCE, WILLIAM WOOD
	EASTERN AIRLINES, INC.
	PHALEN, CLIFTON W.
	PRINCE, WILLIAM WOOD
	FIRST CHICAGO CORPORATION
	PRINCE, WILLIAM WOOD
	FIRST NATIONAL BOSTON CORP.
	FOSTER, RAYMOND C.
	MARINE MIDLAND BANKS, INC.
	LARKIN, FELIX E.
	OWENS, CORNELIUS W.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	TRANSAMERICA CORPORATION
	SHUMWAY, FORREST NELSON
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
INGERSOLL-RAND CO.	
	MORGAN, J. P., AND CO., INC.
	PROCKNOW, DONALD E.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PROCKNOW, DONALD E.
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	HALLSTEIN, D. WAYNE
	WESTERN ELECTRIC CO., INC.
	PROCKNOW, DONALD E.
MILLIKEN & CO.	
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
OMEGA FUND, INC.	
	CHARTER NEW YORK CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

	SMILEY, DONALD B.
	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	RCA CORP.
	SMILEY, DONALD B.
	UNITED STATES STEEL CORPORATION
STONE & WEBSTER, INC.	SMILEY, DONALD B.
	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	STONE, WHITNEY
	FIRST NATIONAL BOSTON CORP.
	FOSTER, RAYMOND C.
	MOBIL CORPORATION
	CLARK, HOWARD L.
GRAY, HAPPY J.	
AETNA LIFE AND CASUALTY COMPANY	
	EASTMAN KODAK COMPANY
	SHERMAN, ROBERT A.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	TAYLOR, HOBART, JR.
	MORGAN, J. P., AND CO., INC.
	SMITH, OLCOTT D.
	UNITED STATES STEEL CORPORATION
	FILER, JOHN H.
	RODERICK, DAVID M.
	WESTINGHOUSE ELECTRIC CORPORATION
	TAYLOR, HOBART, JR.
EXXON CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MACNAUGHTON, DONALD S.
	CATERPILLAR TRACTOR COMPANY
	FRANKLIN, WILLIAM H.
	CHASE MANHATTAN CORP.
	KAUFFMAN, HOWARD C.
	CHEMICAL NEW YORK CORPORATION
	PIERCY, GEORGE T.
	EQUITABLE LIFE ASSURANCE
	JAMIESON, J. K.
	METROPOLITAN LIFE INSURANCE COMPANY
	PETERSON, MARTHA E.
	PROCTER AND GAMBLE COMPANY
	HARNES, EDWARD G.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	MACNAUGHTON, DONALD S.
OTIS ELEVATOR CO.	CHARTER NEW YORK CORP.
	WELLER, RALPH A.
PRATT & WHITNEY AIRCRAFT OF CANADA, LTD.	
UNITED TECHNOLOGIES CORP.	AETNA LIFE AND CASUALTY COMPANY
	SMITH, OLCOTT D.
	CHARTER NEW YORK CORP.
	WELLER, RALPH A.
	MORGAN, J. P., AND CO., INC.
	SMITH, OLCOTT D.
	NORTHEAST UTILITIES
	HENNESSY, EDWARD L., JR.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	TRAVELERS INSURANCE COMPANY
	FORD, T. MITCHELL
	HEWITT, DAVID C.
	SMITH, ARTHUR E.
	WILKINS, ROGER C.
HANLEY, JAMES W.	
MAY DEPT. STORES CO.	CHASE MANHATTAN CORP.
	SHINN, RICHARD R.
	METROPOLITAN LIFE INSURANCE COMPANY
	SHINN, RICHARD R.
MONSANTO CO.	DUKE POWER CO
	MICKEL, BUCK
	SEABOARD COAST LINE INDUSTRIES, INC.
	ECK, JOHN P.
	MICKEL, BUCK
	TRANS WORLD AIRLINES, INC.
	SOMMER, CHARLES H., JR.
	UNION PACIFIC CORPORATION
	PALMER, EDWARD LEWIS
SO. PACIFIC TRANSPORTATION CO.	
SOUTHERN PACIFIC COMPANY	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	GENERAL ELECTRIC COMPANY
	LITTLEFIELD, EDMUND W.
	GOODYEAR TIRE AND RUBBER COMPANY
	HAZARD, ELLISON L.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BETCHEL, STEPHEN D., JR.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	MANUFACTURERS HANOVER CORPORATION
	MUNROE, GEORGE B.
	NEW YORK LIFE INSURANCE COMPANY
	MONROE, GEORGE B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

PERKINS, RICHARD S.
PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SAFeway STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

HARBIN, JOHN P.
BROWN & ROOT, INC.
HALLIBURTON CO.
HIGHLANDS INSURANCE CO.
HORN CONSTRUCTION CO.
LIFE INSURANCE CO OF THE SOUTHWEST
OTIS ENGINEERING CORP.

HATFIELD, ROBERT S.
CONTINENTAL GROUP, INC.

GENERAL ELECTRIC COMPANY
PARKER, JACK S.
GENERAL PUBLIC UTILITIES CORP.
HAYFORD, WARREN J.
GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
HAZARD, ELLISON L.
SMITH, ILOYD B.
MANUFACTURERS HANOVER CORPORATION
LYET, J. PAUL
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NORTHEAST UTILITIES
BENSON, LUCY WILSON
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
AETNA LIFE AND CASUALTY COMPANY
SHERMAN, ROBERT A.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
GENERAL MOTORS CORP.
FALLON, WALTER A.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
MARINE MIDLAND BANKS, INC.
ZORNOW, GERALD B.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
WESTINGHOUSE ELECTRIC CORPORATION
EILERS, LOUIS K.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.

EASTMAN KODAK COMPANY

GENERAL MOTORS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

	NORTHWESTERN MUTUAL LIFE INSURANCE CO CLEARY, CATHERINE B. PROCTER AND GAMBLE COMPANY MORGENS, HOWARD J. SANTA FE INDUSTRIES, INC. PATTERSON, ELLMORE C. UNITED STATES STEEL CORPORATION BRANCH, HARLEE, JR. DEBUTTS, JOHN D.
KENNECOTT COPPER CORP.	EASTERN AIRLINES, INC. PHALEN, CLIFTON W. GOODYEAR TIRE AND RUBBER COMPANY DEYOUNG, RUSSELL GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC. SCHIFF, JOHN M. KRESGE, S. S., COMPANY RUSSELL, GEORGE MORGAN, J. P., AND CO., INC. PAGE, WALTER H. PENNEY, J. C., CO., INC. MACBAIN, GAVIN KEITH PROCTER AND GAMBLE COMPANY MILLIKEN, FRANK R.
HAYNES, HAROLD J. BOEING CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY BATTEN, WILLIAM M. BURLINGTON NORTHERN, INC. REED, WILLIAM G. PENNEY, J. C., CO., INC. BATTEN, WILLIAM M. STANDARD OIL COMPANY OF CALIFORNIA PIGOTT, CHARLES M.
STANDARD OIL COMPANY OF CALIFORNIA	BANKAMERICA CORPORATION GRAY, JOHN R. CATERPILLAR TRACTOR COMPANY PACKARD, DAVID PRUDENTIAL INSURANCE CO. OF AMERICA WASSON, E. HORNSBY TRANS WORLD AIRLINES, INC. PACKARD, DAVID WESTERN BANCORPORATION KELLER, GEORGE M.
STANFORD RESEARCH INST.	PRUDENTIAL INSURANCE CO. OF AMERICA WASSON, E. HORNSBY STANDARD OIL COMPANY OF CALIFORNIA WASSON, E. HORNSBY
HOUGHTON, AMORY, JR. CORNING GLASS WORKS	AMERICAN AIR LINES, INC. BURR, FRANCIS H. CBS, INC. GILPATRIC, ROSWELL L. EASTERN AIRLINES, INC. GILPATRIC, ROSWELL L. EASTMAN KODAK COMPANY PERKINS, DONALD S. EQUITABLE LIFE ASSURANCE BURR, FRANCIS H. METROPOLITAN LIFE INSURANCE COMPANY HOUGHTON, J. R. MORGAN, J. P., AND CO., INC. HOUGHTON, J. R. UNION PACIFIC CORPORATION PALMER, EDWARD LEWIS
CORNING INTERNATIONAL CORP.	METROPOLITAN LIFE INSURANCE COMPANY HOUGHTON, J. R. MORGAN, J. P., AND CO., INC. HOUGHTON, J. R.
DOW CORNING CORP.	KRESGE, S. S., COMPANY GERSTOCKER, CARL A. METROPOLITAN LIFE INSURANCE COMPANY HOUGHTON, J. R. MORGAN, J. P., AND CO., INC. HOUGHTON, J. R.
INTERNATIONAL BUSINESS MACHINES CORP.	AMERICAN EXPRESS COMPANY MARTIN, WILLIAM MCCHESENEY, JR. BANKERS TRUST NEW YORK CORP MOORE, WILLIAM H. CATERPILLAR TRACTOR COMPANY MARTIN, WILLIAM MCCHESENEY, JR. CHASE MANHATTAN CORP. HARRIS, PATRICIA R. CHEMICAL NEW YORK CORPORATION FUNSTON, G. KEITH LEARSON, T. VINCENT CONTINENTAL ILLINOIS CORPORATION RIZZO, PAUL J. CONTINENTAL OIL COMPANY JONES, GILBERT E. DUPONT, E. I., DE NEMOURS AND CO. JONES, GILBERT E. SHAPIRO, IRVING S. METROPOLITAN LIFE INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF CITICORP

NEW YORK TELEPHONE COMPANY

FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
CBS, INC.
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CHRYSLER CORPORATION
HAUGE, GABRIEL
EASTERN AIRLINES, INC.
HALL, FLOYD D.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
LINDHOLM, WILLIAM L.
MARINE MIDLAND BANKS, INC.
WENDEL, WILLIAM H.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
THOMAS, FRANKLIN A.
PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.

JENKINS, GEORGE P.
AMERICAN BROADCASTING COMPANIES

BETHLEHEM STEEL CORPORATION

MANUFACTURERS HANOVER CORPORATION
MACIOCE, THOMAS M.
COMMONWEALTH EDISON
WRIGHT, JOSEPH S.
CONTINENTAL ILLINOIS CORPORATION
WRIGHT, JOSEPH S.
DUPONT, E. I., DE NEMOURS AND CO.
MCCOY, CHARLES B.
GENERAL MOTORS CORP.
PATTERSON, ELLMORE C.
MORGAN, J. P., AND CO., INC.
FOY, LEWIS W.
PATTERSON, ELLMORE C.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.

BLOOMFIELD SAVINGS BANK
CITIBANK, N. A.

GRACE, W. R., AND CO.

INTERNATIONAL BUSINESS MACHINES CORP.
WILLIAMS, ALBERT L.
MOBIL CORPORATION
WILLIAMS, ALBERT L.
COMMONWEALTH EDISON
PRINCE, WILLIAM WOOD
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
PRINCE, WILLIAM WOOD
FIRST NATIONAL BOSTON CORP.
FOSTER, RAYMOND C.
MARINE MIDLAND BANKS, INC.
LARKIN, FELIX E.
OWENS, CORNELIUS W.
TRANSAMERICA CORPORATION
SHUMWAY, FOFREST NELSON
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER

METROPOLITAN LIFE INSURANCE COMPANY

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
ROUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

ST. REGIS PAPER CO.
MCCOULOUGH, C. PETER
FUJI XEROX CO., INC.
HENDY INTERNATIONAL CO.
MCCONE, JOHN A.
RANK XEROX, LTD.

XEROX CORP.

MILLIKEN, ROGER
GRACE, W. R., AND CO.

AMERICAN EXPRESS COMPANY
MCCARDELL, ARCHIE R.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
AMERICAN EXPRESS COMPANY
CLARK, HOWARD L.
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
MOBIL CORPORATION
CLARK, HOWARD L.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
BECK, R. A.

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
COMMONWEALTH EDISON
PRINCE, WILLIAM WOOD
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
PRINCE, WILLIAM WOOD
FIRST NATIONAL BOSTON CORP.
FOSTER, RAYMOND C.
MARINE MIDLAND BANKS, INC.
LARKIN, FELIX E.
OWENS, CORNELIUS W.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON
KROGER COMPANY, THE
SHAW, R. NELSON
UNION PACIFIC CORPORATION
MILLIKEN, MINOT K.
UNITED STATES STEEL CORPORATION
MOORE, GEORGE S.

MERCANTILE STORES CO., INC.

MILLIKEN & CO.
WESTINGHOUSE ELECTRIC CORPORATION

AETNA LIFE AND CASUALTY COMPANY
TAYLOR, HOBART, JR.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
EASTMAN KODAK COMPANY
EILERS, LOUIS K.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
TAYLOR, HOBART, JR.
MANUFACTURERS HANOVER CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
MELLON NATIONAL CORPORATION
BURNHAM, DONALD C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

OELMAN, ROBERT S. FORD MOTOR CO.	NEW YORK LIFE INSURANCE COMPANY PIVIROTT, RICHARD R.
	BANKERS TRUST NEW YORK CORP CULLMAN, JOSEPH F., III CONSOLIDATED EDISON CO OF NEW YORK HEISKELL, MARIAN S. EQUITABLE LIFE ASSURANCE WHARTON, CLIFTON R. FLOPIDA POWER AND LIGHT COMPANY BENNETT, GEORGE F. JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY BENNETT, GEORGE F. MIDDLE SOUTH UTILITIES, INC. BENNETT, GEORGE F. MORGAN, J. P., AND CO., INC. BURGESS, CARTER L. WELLS FARGO AND COMPANY MILLER, ARJAY GULF OIL CORPORATION PEARSON, NATHAN W. MELLON NATIONAL CORPORATION BYROM, FLETCHER L. JONES, CURTIS E. PEARSON, NATHAN W. MISSOURI PACIFIC CORPORATION GRYMES, DOUGLASS NORTHWESTERN MUTUAL LIFE INSURANCE CO BYROM, FLETCHER L. FITZGERALD, EDMUND B. CONTINENTAL OIL COMPANY ANDERSON, CHARLES A. HARDESTY, CHARLES HOWARD, JR. UAL, INC. DE WINDT, E. MANDELL KNUDSEN, SEMON E. AMERICAN TELEPHONE AND TELEGRAPH COMPANY SPEER, EDGAR B. EXXON CORPORATION HARNES, EDWARD G. GENERAL MOTORS CORP. MORGENS, HOWARD J. GOODYEAR TIRE AND RUBBER COMPANY GEIR, PHILLIP O., JR. HARPER, JOHN DICKESON MELLON NATIONAL CORPORATION HARPER, JOHN DICKESON METROPOLITAN LIFE INSURANCE COMPANY HARPER, JOHN DICKESON MORGAN, J. P., AND CO., INC. MORGENS, HOWARD J. TRANS WORLD AIRLINES, INC. MCGHEE, GEORGE C. UNITED STATES STEEL CORPORATION SPEER, EDGAR B. PHILLIPS PETROLEUM COMPANY MEEKER, DAVID B.
KOPPERS CO., INC.	
NCP CORP.	
OHIO BELL TELEPHONE CO.	
PROCTER AND GAMBLE COMPANY	
	AMERICAN AIR LINES, INC. BURR, FRANCIS H. CBS, INC. GILPATRIC, ROSWELL L. EASTERN AIRLINES, INC. GILPATRIC, ROSWELL L. EASTMAN KODAK COMPANY PERKINS, DONALD S. EQUITABLE LIFE ASSURANCE BURR, FRANCIS H. INTERNATIONAL BUSINESS MACHINES CORP. HOUGHTON, AMORY, JR. METROPOLITAN LIFE INSURANCE COMPANY HOUGHTON, J. R. MORGAN, J. P., AND CO., INC. HOUGHTON, J. R. CROCKER NATIONAL CORPORATION LANDIS, RICHARD G. PACIFIC GAS AND ELECTRIC COMPANY BONNER, JOHN F. EAMES, ALFRED W. DUKE POWER CO MICKEL, BUCK SEABOARD COAST LINE INDUSTRIES, INC. ECK, JOHN R. MICKEL, BUCK SOUTHERN PACIFIC COMPANY HANLEY, JAMES W. TRANS WORLD AIRLINES, INC. SOMMER, CHARLES H., JR.
WINTERS NATIONAL CORP.	
PALMER, EDWARD LEWIS CORNING GLASS WORKS	
DEL MONTE CORP.	
MONSANTO CO.	
MUTUAL LIFE INSURANCE CO. OF NEW YORK	
	BANKERS TRUST NEW YORK CORP BICKMORE, LEE S. CHEMICAL NEW YORK CORPORATION NEWMAN, JAMES WILSON CROCKER NATIONAL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

	WILCOX, THOMAS R.
	TEXACO, INC.
	MCCALL, HOWARD W., JR.
	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
	WELLS FARGO AND COMPANY
	MILLER, PAUL A.
	WESTERN ELECTRIC CO., INC.
	BICKMORE, LEE S.
PHELPS DODGE CORP.	MANUFACTURERS HANOVER CORPORATION
	MUNROE, GEORGE B.
	MELLON NATIONAL CORPORATION
	REA, WILLIAM H.
	MORGAN, J. P., AND CO., INC.
	SCHROEDER, JOHN P.
	SOUTHERN PACIFIC COMPANY
	MUNROE, GEORGE B.
UNION PACIFIC CORPORATION	AMERICAN EXPRESS COMPANY
	ROBINSON, JAMES D., III
	CBS, INC.
	BROWN, COURTNEY C.
	LOVETT, ROBERT A.
	CHARTER NEW YORK CORP.
	MITCHELL, HAMILTON B.
	SECURITY PACIFIC CORP.
	LAWLER, OSCAR T.
	WESTERN BANCORPORATION
	ROTH, ROBERT W.
	WESTERN ELECTRIC CO., INC.
	KENEFICK, JOHN C.
PIGOTT, CHARLES M.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BOEING CO.	BATTEN, WILLIAM M.
	BURLINGTON NORTHERN, INC.
	REED, WILLIAM G.
	PENNEY, J. C., CO., INC.
	BATTEN, WILLIAM M.
	STANDARD OIL COMPANY OF CALIFORNIA
	HAYNES, HAROLD J.
PACCAR INC.	
SAFECO CORP.	UAL, INC.
	JENKINS, WILLIAM M.
STANDARD OIL COMPANY OF CALIFORNIA	BANKAMERICA CORPORATION
	GRAY, JOHN R.
	CATERPILLAR TRACTOR COMPANY
	PACKARD, DAVID
	PRUDENTIAL INSURANCE CO. OF AMERICA
	WASSON, E. HORNSBY
	TRANS WORLD AIRLINES, INC.
	PACKARD, DAVID
	WESTERN BANCORPORATION
	KELLER, GEORGE M.
SEIBERT, DONALD VINCENT	EASTMAN KODAK COMPANY
CONTINENTAL GROUP, INC.	HATFIELD, ROBERT S.
	GENERAL ELECTRIC COMPANY
	PARKER, JACK S.
	GENERAL MOTORS CORP.
	HATFIELD, ROBERT S.
	GENERAL PUBLIC UTILITIES CORP.
	HAYFORD, WARREN J.
	GOODYEAR TIRE AND RUBBER COMPANY
	DEYOUNG, RUSSELL
	HAZARD, ELLISON L.
	SMITH, LLOYD B.
	MANUFACTURERS HANOVER CORPORATION
	LYET, J. PAUL
	MELLON NATIONAL CORPORATION
	BYROM, FLETCHER L.
	NORTHEAST UTILITIES
	BENSON, LUCY WILSON
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	SOUTHERN PACIFIC COMPANY
	HAZARD, ELLISON L.
PENNEY, J. C., CO., INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BATTEN, WILLIAM M.
	ELLINGHAUS, WILLIAM M.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	JORDAN, VERNON E., JR.
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	GENERAL ELECTRIC COMPANY
	WRISTON, WALTER B.
	UNION CARBIDE CORPORATION
	JACKSON, JACK B.
	WESTERN ELECTRIC CO., INC.
	KREPS, JUANITA M.
SHAPIRO, IRVING S.	
BANK OF DELAWARE	
CONTINENTAL AMERICAN LIFE INS. CO.	DUPONT, E. I., DE NEMOURS AND CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

DUPONT, E. I., DE NEMOURS AND CO.
 EDMONDS, GEORGE P.
 AMERICAN STORES COMPANY
 HECKERT, RICHARD E.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BROWN, CHARLES L.
 BANKAMERICA CORPORATION
 BRIMMER, ANDREW F.
 BETHLEHEM STEEL CORPORATION
 MCCOY, CHARLES B.
 CHEMICAL NEW YORK CORPORATION
 BROWN, CHARLES L.
 CONTINENTAL OIL COMPANY
 JONES, GILBERT E.
 FEDERATED DEPARTMENT STORES, INC.
 JOHNSON, H. W.
 INTERNATIONAL BUSINESS MACHINES CORP.
 JONES, GILBERT E.
 INTERNATIONAL HARVESTER COMPANY
 BRIMMER, ANDREW F.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 JOHNSON, H. W.
 MORGAN, J. P., AND CO., INC.
 JOHNSON, H. W.
 UAL, INC.
 BRIMMER, ANDREW F.
 INTERNATIONAL BUSINESS MACHINES CORP.
 AMERICAN EXPRESS COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 BANKERS TRUST NEW YORK CORP
 MOORE, WILLIAM H.
 CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 CHASE MANHATTAN CORP.
 HARRIS, PATRICIA R.
 CHEMICAL NEW YORK CORPORATION
 FUNSTON, G. KEITH
 LEAFSON, T. VINCENT
 CONTINENTAL ILLINOIS CORPORATION
 PIZZO, PAUL J.
 CONTINENTAL OIL COMPANY
 JONES, GILBERT E.
 DUPONT, E. I., DE NEMOURS AND CO.
 JONES, GILBERT E.
 METROPOLITAN LIFE INSURANCE COMPANY
 FUNSTON, G. KEITH
 MOBIL CORPORATION
 WILLIAMS, ALBERT L.
 MORGAN, J. P., AND CO., INC.
 CARY, FRANK T.
 PAN AMERICAN WORLD AIRWAYS, INC.
 COLEMAN, WILLIAM T., JR.
 WATSON, THOMAS J., JR.
 SOUTHEASTERN PACIFIC COMPANY
 BETCHEL, STEPHEN D., JR.
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.
 SHELDON, ELEANOR H. B.
 EQUITABLE LIFE ASSURANCE
 AMERICAN AIR LINES, INC.
 BURR, FRANCIS H.
 FLEISCHMANN, MANLY
 BURLINGTON NORTHERN, INC.
 HENDRICKSON, ROBERT M.
 CHASE MANHATTAN CORP.
 EKLUND, C. G.
 CONSOLIDATED EDISON CO OF NEW YORK
 MUMFORD, MILTON C.
 CONTINENTAL OIL COMPANY
 BUEK, C. W.
 EXXON CORPORATION
 JAMIESON, J. F.
 FORD MOTOR CO.
 WHARTON, CLIFTON R.
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 AGEE, WILLIAM M.
 MELLON NATIONAL CORPORATION
 FISHER, A. W.
 WOOLWORTH, F. W., CO.
 JAMES, GEORGE F.
 MOBIL CORPORATION
 AMERICAN EXPRESS COMPANY
 CLARK, HOWARD L.
 WARNER, RAWLEIGH, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 WARNER, RAWLEIGH, JR.
 BANKERS TRUST NEW YORK CORP
 LAPHAM, LEWIS A.
 TAVOULAREAS, WILLIAM P.
 CATERPILLAR TRACTOR COMPANY
 WARNER, RAWLEIGH, JR.
 CHEMICAL NEW YORK CORPORATION
 WARNER, RAWLEIGH, JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 WILLIAMS, ALBERT L.
 RAND CORP.
 GENERAL ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

	PIERCE, SAMUEL RILEY, JR.
	WRISTON, WALTER B.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PIERCE, SAMUEL RILEY, JR.
SMITH, DARWIN E.	
CUTLER-HAMMER, INC.	
	CONTINENTAL OIL COMPANY
	ANDERSON, CHARLES A.
	INTERNATIONAL HARVESTER COMPANY
	HANSEN, ARTHUR GENE
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	FERGUSON, FRANCIS E.
	WRIGHT, J. O.
	SOUTHERN COMPANY
	PATILLO, HOOPER GORDON
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	FITZGERALD, EDMUND B.
KIMBERLY-CLARK CORP.	
SPENCER, WILLIAM I.	
ASIA PACIFIC CAPITAL CORP.	
DEPOSITORY TRUST CO.	
	EQUITABLE LIFE ASSURANCE
	FEY, J. T.
FALCONBRIDGE NICKEL MINES LTD.	
SEARS, ROEBUCK AND CO.	
	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	CHASE MANHATTAN CORP.
	PACE, NORMA T.
	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MORGAN, J. P., AND CO., INC.
	SHULTZ, GEORGE P.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
UNITED TECHNOLOGIES CORP.	
	AETNA LIFE AND CASUALTY COMPANY
	GRAY, HARRY J.
	SMITH, OLCOTT D.
	CHARTER NEW YORK CORP.
	WELLER, RALPH A.
	EXXON CORPORATION
	GRAY, HARRY J.
	MORGAN, J. P., AND CO., INC.
	SMITH, OLCOTT D.
	NORTHEAST UTILITIES
	HENNESSY, EDWARD L., JR.
	TRAVELERS INSURANCE COMPANY
	FORD, T. MITCHELL
	HEWITT, DAVID C.
	SMITH, ARTHUR E.
	WILKINS, ROGER C.
THOMAS, FRANKLIN A.	
ALLIED STORES CORP.	
	AMERICAN BROADCASTING COMPANIES
	GOLDENSON, LEONARD H.
	MACIOCE, THOMAS M.
	CHASE MANHATTAN CORP.
	ROEDER, GEORGE A., JR.
	MANUFACTURERS HANOVER CORPORATION
	MACIOCE, THOMAS M.
	MCPHERSON, RENE C.
CBS, INC.	
	AMERICAN ELECTRIC POWER COMPANY, INC.
	STANTON, FRANK
	ATLANTIC RICHFIELD COMPANY
	STANTON, FRANK
	EASTERN AIRLINES, INC.
	GILPATRIC, ROSWELL L.
	NEW YORK LIFE INSURANCE COMPANY
	STANTON, FRANK
	PAN AMERICAN WORLD AIRWAYS, INC.
	STANTON, FRANK
	TREE, MARIETTA
	UNION PACIFIC CORPORATION
	BROWN, COURTNEY C.
	LOVETT, ROBERT A.
CUMMINS ENGINE CO., INC.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MILLER, J. IRWIN
	CBS, INC.
	SCHACHT, HENRY B.
	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	GENERAL ELECTRIC COMPANY
	HILLMAN, HENRY L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP
NEW YORK LIFE INSURANCE COMPANY

	AMERICAN ELECTRIC POWER COMPANY, INC.
	STANTON, FRANK
	ATLANTIC RICHFIELD COMPANY
	STANTON, FRANK
	BURLINGTON NORTHERN, INC.
	BUDD, J. M.
	CBS, INC.
	STANTON, FRANK
	CHEMICAL NEW YORK CORPORATION
	PIVIROTT, RICHARD R.
	RENCHARD, WILLIAM S.
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	RENCHARD, WILLIAM S.
	CROCKER NATIONAL CORPORATION
	HULL, JEROME W.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	MANUFACTURERS HANOVER CORPORATION
	FINLEY, JAMES D.
	HAUGE, GABRIEL
	MITCHELL, DAVID W.
	MORGAN, J. P., AND CO., INC.
	BROWN, R. MANNING, JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	STANTON, FRANK
	SOUTHERN PACIFIC COMPANY
	MONROE, GEORGE B.
	PERKINS, RICHARD S.
	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
NEW YORK TELEPHONE COMPANY	AMERICAN EXPRESS COMPANY
	WALLACE, MARTHA REDFIELD
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	EASTERN AIRLINES, INC.
	HALL, FLOYD D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BOUGHTON, AMORY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	LINDHOLM, WILLIAM L.
	MARINE MIDLAND BANKS, INC.
	WENDEL, WILLIAM H.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	PRUDENTIAL INSURANCE CO. OF AMERICA
	YUNICH, DAVID L.
BRISTON, WALTER B.	
CHUBB CORPORATION	
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	CHEMICAL NEW YORK CORPORATION
	MOSBACHER, EMIL, JR.
	EASTERN AIRLINES, INC.
	PHALEN, CLIFTON W.
	GENERAL ELECTRIC COMPANY
	MICHELSON, GERTRUDE G.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	SAFEGWAY STORES, INC.
	CHUBB, PERCY, III
	MITCHELL, W. S.
GENERAL ELECTRIC COMPANY	AMERICAN EXPRESS COMPANY
	HENLEY, HENRY H., JR.
	CHASE MANHATTAN CORP.
	LAZARUS, RALPH
	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	DANCE, WALKER D.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MORGAN, J. P., AND CO., INC.
	AUSTIN, J. PAUL
	DICKEY, CHARLES D., JR.
	PRESTON, LEWIS T.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PIERCE, SAMUEL RILEY, JR.
	SAFEGWAY STORES, INC.
	BOSWELL, JAMES G., II
	SECURITY PACIFIC CORP.
	BOSWELL, JAMES G., II
	SOUTHERN PACIFIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CITICORP

PENNEY, J. C., CO., INC.

PAND CORP.

LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
JORDAN, VERNON E., JR.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
UNION CARBIDE CORPORATION
JACKSON, JACK B.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR COLUMBIA GAS SYSTEM

BLAIR, THOMAS S.
CLARKE, BERNARD J.
CLUTE, WARREN W., JR.
SECURITY NEW YORK STATE CORP. EASTMAN KODAK COMPANY
COLE, KENDALL M.

DURZO, FRANK J.
FLETCHER, J. ROBERT
HALLANAN, ELIZABETH V.
HILLENMEYER, ROBERT H.
GENERAL TELEPHONE CO. OF KENTUCKY
LAIRD, W. FREDERICK
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
BANKERS TRUST NEW YORK CORP
MCCULLOUGH, DONALD F.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, MAURICE
NORTHEAST UTILITIES
STEIGER, ALBERT E., JR.

LOOMIS, CECIL E.
MACAVOY, PAUL W.
MACNICHOL, GEORGE P.
FIRST NATIONAL BANK OF TOLEDO
LIBBEY-OWENS-FORD CO.
CONSUMERS POWER COMPANY
MCKONE, DON T.
NATIONAL DETROIT CORPORATION
MCKONE, DON T.
NEW YORK LIFE INSURANCE COMPANY
DONNELL, J. C., II
PRUDENTIAL INSURANCE CO. OF AMERICA
SCHAEFERLE, ROBERT M.
WESTERN ELECTRIC CO., INC.
GUSHMAN, JOHN LOUIS
WOOLWORTH, F. W., CO.
GUSHMAN, JOHN LOUIS

PARTRIDGE, JOHN W.
VIRGINIA INTERNATIONAL CO.
ROCHE, JOHN P.
MINE SAFETY APPLIANCES CO.
MELLON NATIONAL CORPORATION
ARTHUR, JOHN M.
RYAN, JOHN T., JR.

PITTSBURGH BREWING CO.
PITTSBURGH BREWING CO.
ROSAN, RICHARD A.
ELECTRIC ROSE & RUBBER CO.
SPROUL, ARCH A.
VIRGINIA INTERNATIONAL CO.
STAUFFER, JOHN N.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR COMMONWEALTH EDISON

ALDEEN, NORRIS A.
RUBBERMAID, INC.

ALLARD, JEAN
MAREMONT CORP.
MARSHALL FIELD & CO.

AYERS, THOMAS G.
FIRST CHICAGO CORPORATION

NORTHWEST INDUSTRIES, INC.

SEARLE, G. D., & CO.

SEARS, ROEBUCK AND CO.

TRIBUNE COMPANY

ZENITH RADIO CORP.

BARR, JOHN A.

MARSH & MCLENNAN COMPANIES, INC.

BURLINGTON NORTHERN, INC.
BUDD, J. M.

FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.

GENERAL MOTORS CORP.
SIVAGE, GERALD A.

METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.

NEW YORK LIFE INSURANCE COMPANY
BUDD, J. M.

NORTHWESTERN MUTUAL LIFE INSURANCE CO
SMITH, HAROLD BYRON, JR.

STANDARD OIL COMPANY OF INDIANA
BURNHAM, JOSEPH A.

WESTINGHOUSE ELECTRIC CORPORATION
BERCHER, HARRY O.

ATLANTIC RICHFIELD COMPANY
ANDERSON, ROBERT O.

FREEMAN, GAYLORD
INGERSOLL, ROBERT S.

BURLINGTON NORTHERN, INC.
MENK, LOUIS W.

CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.

MORGAN, LEE L.
EASTERN AIRLINES, INC.

PRINCE, WILLIAM WOOD
FIRST BANK SYSTEM, INC.

MENK, LOUIS W.
GENERAL MOTORS CORP.

SIVAGE, GERALD A.
INTERNATIONAL HARVESTER COMPANY

MCCORMICK, BROOKS
MENK, LOUIS W.

METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.

SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.

SEARS, ROEBUCK AND CO.
SWIFT, A. DEAN

STANDARD OIL COMPANY OF INDIANA
ABBODD, ROBERT A.

UAL, INC.
CARLSON, EDWARD E.

STUART, ROBERT D., JR.
ATLANTIC RICHFIELD COMPANY

FREEMAN, GAYLORD
CONTINENTAL ILLINOIS CORPORATION

BERE, JAMES F.
FIRST CHICAGO CORPORATION

FREEMAN, GAYLORD
GRAHAM, WILLIAM B.

GFEY, JOHN D.
HEINEMAN, BEN W.

AETNA LIFE AND CASUALTY COMPANY
ROBICHAUD, BERYL (DR)

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.

CHASE MANHATTAN CORP.
PACE, NORMA T.

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.

CITICORP
SPENCER, WILLIAM I.

CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.

CROCKER NATIONAL CORPORATION
LOWE, JOHN G.

FIRST CHICAGO CORPORATION
SWIFT, A. DEAN

MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.

MORGAN, J. P., AND CO., INC.
SHULTZ, GEORGE P.

UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.

CONTINENTAL ILLINOIS CORPORATION
RENEKER, ROBERT W.

BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.

CONTINENTAL ILLINOIS CORPORATION
WRIGHT, JOSEPH S.

FIRST CHICAGO CORPORATION
NEVIN, JOHN J.

STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.

CHEMICAL NEW YORK CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR COMMONWEALTH EDISON

WALKER, WILBERT A.
DETROIT EDISON COMPANY
GERSTENBERG, RICHARD C.
GENERAL MOTORS CORP.
GERSTENBERG, RICHARD C.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
NATIONAL DETPOIT CORPORATION
GERSTENBERG, RICHARD C.
PUTNAM MANAGEMENT COMPANY, INC. (THE)
NEWHOUSE, ROBERT JOYCE, JR.
REGAN, JOHN MACVEIGH, JR.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
GENERAL ELECTRIC COMPANY
CATHCART, SILAS S.
SCRIBNER, GILBERT H., JR.
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.
SMITH, HAROLD BYRON
VOSS, OMER G.
MOBIL CORPORATION
DONNELL, EDWARD S.

NORTRUST CORP.

STEWART WARNER CORP.
COREY, GORDON R.
CONTINENTAL ILLINOIS CORPORATION
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
FASTMAN KODAK COMPANY
ANDERSON, ROGER E.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
POTTER, KEITH R.
SEARS, ROEBUCK AND CO.
WOOD, ARTHUR M.
STANDARD OIL COMPANY OF INDIANA
MALOTT, ROBERT H.
WRIGHT, JOSEPH S.
YARRINGTON, BLAINE J.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.

INLAND STEEL COMPANY
DICK, ALBERT BLAKE, III
DICK, A. B., CO.
MARSHALL FIELD & CO.

NORTRUST CORP.

JOHNSON, G. E.
INDEPENDENCE BANK OF CHICAGO
JOHNSON PRODUCTS CO.
METROPOLITAN LIFE INSURANCE COMPANY
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR COMMONWEALTH EDISON

JENKINS, GEORGE P.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

MCCORMICK, BROOKS
ESMARCK, INC.

CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
RENEKER, ROBERT W.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
MELLON NATIONAL CORPORATION
CASEY, SAMUEL B., JR.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
TRANS WORLD AIRLINES, INC.
CROWN, LESTER
ATLANTIC RICHFIELD COMPANY
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
MORGAN, LEE L.
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
AYEPS, THOMAS G.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.
UAL, INC.
CARLSON, EDWARD E.
STUART, ROBERT D., JR.

FIRST CHICAGO CORPORATION

INTERNATIONAL HARVESTER COMPANY

BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
POTTER, KEITH R.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR COMMONWEALTH EDISON

PRINCE, WILLIAM WOOD BARBER OIL CORP. DELTEC INTERNATIONAL, LTD.	FIRST CHICAGO CORPORATION MENK, LOUIS W. NORTHWEST BANCORPORATION SPENCER, EDSON W. SANTA FE INDUSTRIES, INC. RATTALIATA, JOHN T. UAL, INC. BRIMMER, ANDREW F. WESTERN ELECTRIC CO., INC. RATTALIATA, JOHN T.
EASTERN AIRLINES, INC.	BANKAMERICA CORPORATION DILLINGHAM, LOWELL S. FORD MOTOR CO. TAYLOR, A. THOMAS PAN AMERICAN WORLD AIRWAYS, INC. DILLINGHAM, LOWELL S. CBS, INC. GILPATRIC, ROSWELL L. KROGER COMPANY, THE SMITH, EDWARD D. ATLANTIC RICHFIELD COMPANY ANDERSON, ROBERT O. FREEMAN, GAYLORD INGERSOLL, ROBERT S. BURLINGTON NORTHERN, INC. MENK, LOUIS W. CATERPILLAR TRACTOR COMPANY INGERSOLL, ROBERT S. MORGAN, LEE L. FIRST BANK SYSTEM, INC. MENK, LOUIS W. GENERAL MOTORS CORP. SIVAGE, GERALD A. INTERNATIONAL HARVESTER COMPANY MCCORMICK, BROOKS MENK, LOUIS W. METROPOLITAN LIFE INSURANCE COMPANY SIVAGE, GERALD A. SANTA FE INDUSTRIES, INC. WOELFLE, ARTHUR W. SEARS, ROEBUCK AND CO. AYERS, THOMAS G. SWIFT, A. DEAN STANDARD OIL COMPANY OF INDIANA ABBOUD, ROBERT A. UAL, INC. CARLSON, EDWARD E. STUART, ROBERT D., JR. AMERICAN BROADCASTING COMPANIES JENKINS, GEORGE P. BETHLEHEM STEEL CORPORATION JENKINS, GEORGE P. CITICORP GRACE, J. PETER JENKINS, GEORGE P. MILLIKEN, ROGER EASTERN AIRLINES, INC. PHALEN, CLIFTON W. FIRST NATIONAL BOSTON CORP. FOSTER, RAYMOND C. MARINE MIDLAND BANKS, INC. LARKIN, FELIX E. OWENS, CORNELIUS W. METROPOLITAN LIFE INSURANCE COMPANY JENKINS, GEORGE P. TRANSAMERICA CORPORATION SHUMWAY, FORREST NELSON WESTINGHOUSE ELECTRIC CORPORATION MILLIKEN, ROGER
GRACE, W. R., AND CO.	GENERAL ELECTRIC COMPANY CATHCART, SILAS S. INTERNATIONAL HARVESTER COMPANY SMITH, HAROLD BYRON VOSS, OMER G. NORFOLK AND WESTERN RAILWAY COMPANY STROTZ, ROBERT H. SANTA FE INDUSTRIES, INC. SWIFT, EDWARD F. GENERAL ELECTRIC COMPANY CATHCART, SILAS S. SCRIBNER, GILBERT H., JR. INTERNATIONAL HARVESTER COMPANY BAYS, KARL D. SMITH, HAROLD BYRON VOSS, OMER G. MOBIL CORPORATION DONNELL, EDWARD S. CHEMICAL NEW YORK CORPORATION
LAWTER CHEMICALS INC. PRINCE, H. F. & CO., INC. SMITH, EDWARD BYRON ILLINOIS TOOL WORKS, INC.	
NORTRUST CORP.	
SWIFT, A. DEAN ALLSTATE INSURANCE CO.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR COMMONWEALTH EDISON

	BUTTON, JAMES W.
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	SEARS, ROEBUCK AND CO.
	BOE, ARCHIE R.
	BUTTON, JAMES W.
	JONES, RICHARD M.
	KINCANNON, JACK F.
	LOCHMOELLER, WILLIAM C.
	LOWE, JOHN G.
	METCALF, GORDON M.
	MEYER, CHARLES A.
	PRADO, A. M.
	TELLING, EDWARD R.
	WOOD, ARTHUR M.
FIRST CHICAGO CORPOTATION	ATLANTIC RICHFIELD COMPANY
	ANDERSON, ROBERT O.
	FREEMAN, GAYLORD
	INGERSOLL, ROBERT S.
	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	MORGAN, LEE L.
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	GENERAL MOTORS CORP.
	SIVAGE, GERALD A.
	INTERNATIONAL HARVESTER COMPANY
	MCCORMICK, BROOKS
	MENK, LOUIS W.
	METROPOLITAN LIFE INSURANCE COMPANY
	SIVAGE, GERALD A.
	SANTA FE INDUSTRIES, INC.
	WOELFLE, ARTHUR W.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
	UAL, INC.
	CAPLSON, EDWARD E.
	STUART, ROBERT D., JR.
HOMART DEVELOPMENT CO.	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	SEARS, ROEBUCK AND CO.
	BUTTON, JAMES W.
	KINCANNON, JACK F.
	METCALF, GORDON M.
	MEYER, CHARLES A.
	TELLING, EDWARD R.
	WOOD, ARTHUR M.
SEARS, ROEBUCK AND CO.	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	CHASE MANHATTAN CORP.
	PACE, NORMA T.
	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	CITICORP
	SPENCER, WILLIAM I.
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MORGAN, J. P., AND CO., INC.
	SHULTZ, GEORGE P.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
WRIGHT, JOSEPH S.	
BETHELEHEM STEEL CORPORATION	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	CITICORP
	JENKINS, GEORGE P.
	DUPONT, E. I., DE NEMOURS AND CO.
	MCCOY, CHARLES B.
	GENERAL MOTORS CORP.
	PATTERSON, ELLMORE C.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	MORGAN, J. P., AND CO., INC.
	FOY, LEWIS W.
	PATTERSON, ELLMORE C.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
CONTINENTAL ILLINOIS CORPORATION	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR COMMONWEALTH EDISON

	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HEWITT, WILLIAM A.
	CONTINENTAL OIL COMPANY
	HEWITT, WILLIAM A.
	EASTMAN KODAK COMPANY
	ANDERSON, ROGER E.
	INTERNATIONAL BUSINESS MACHINES CORP.
	RIZZO, PAUL J.
	INTERNATIONAL HARVESTER COMPANY
	ANDERSON, ROGER E.
	POTTFR, KEITH R.
	SEARS, ROEBUCK AND CO.
	WOOD, ARTHUR M.
	STANDARD OIL COMPANY OF INDIANA
	MALOTT, ROBERT H.
	YARRINGTON, BLAINE J.
	TRANS WORLD AIRLINES, INC.
	LAFONTANT, JEWEL S.
STANDARD OIL COMPANY OF INDIANA	
	CHASE MANHATTAN CORP.
	SWEARINGEN, JOHN E.
	CHEMICAL NEW YORK CORPORATION
	WOOD, RICHARD D.
	CONTINENTAL ILLINOIS CORPORATION
	MALOTT, ROBERT H.
	YARRINGTON, BLAINE J.
	FIRST CHICAGO CORPORATION
	ABBOUD, ROBERT A.
SUNBEAM CORP.	FIRST CHICAGO CORPORATION
	GREY, JOHN D.
	GWINN, ROBERT P.
ZENITH RADIO CORP.	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	NEVIN, JOHN J.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONNECTICUT GENERAL LIFE INSURANCE COMPANY

CHAPMAN, FRANK

NORTH AMERICAN PHILLIPS CORP. BANKERS TRUST NEW YORK CORP

LAPHAM, LEWIS A.

MELLON NATIONAL CORPORATION

BYROM, FLETCHER L.

METROPOLITAN LIFE INSURANCE COMPANY

MASON, BIRNEY, JR.

MOBIL CORPORATION

LAPHAM, LEWIS A.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BYROM, FLETCHER L.

UNION CARBIDE CORPORATION

MASON, BIRNEY, JR.

ENGLISH, J. F., JR.

CBT CORPORATION

AETNA LIFE AND CASUALTY COMPANY

BARNES, WALLACE

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

SCHOEN, HERBERT P.

TRAVELERS INSURANCE COMPANY

SHAPIRO, ELI

WILKINS, ROGER C.

CONNECTICUT NATURAL GAS CORP. TRAVELERS INSURANCE COMPANY

SHAPIRO, ELI

WILKINS, ROGER C.

HEUBLEIN, INC.

NORTHEAST UTILITIES

BATES, EDWARD B.

LOCTITE CORPORATION

ETHERINGTON, EDWIN D.

AMERICAN CAN COMPANY

AMERICAN EXPRESS COMPANY

WALLACE, MARTHA REDFIELD

BANKERS TRUST NEW YORK CORP

MAY, WILLIAM F.

MOORE, WILLIAM H.

CHEMICAL NEW YORK CORPORATION

WALLACE, MARTHA REDFIELD

FEDERATED DEPARTMENT STORES, INC.

LACHMAN, LAWRENCE

INTERNATIONAL BUSINESS MACHINES CORP.

MOORE, WILLIAM H.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BROOKFIELD, DUTTON

SEARS, ROEBUCK AND CO.

TELLING, EDWARD R.

AMERICAN EXPRESS COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

WARNER, RAWLEIGH, JR.

CATERPILLAR TRACTOR COMPANY

MARTIN, WILLIAM MCCHESENEY, JR.

WARNER, RAWLEIGH, JR.

CHASE MANHATTAN CORP.

FURLAUD, RICHARD M.

CHEMICAL NEW YORK CORPORATION

WALLACE, MARTHA REDFIELD

WARNER, RAWLEIGH, JR.

CONTINENTAL OIL COMPANY

MCCARDELL, ARCHIE R.

GENERAL ELECTRIC COMPANY

HENLEY, HENRY H., JR.

INTERNATIONAL BUSINESS MACHINES CORP.

MARTIN, WILLIAM MCCHESENEY, JR.

MANUFACTURERS HANOVER CORPORATION

HENLEY, HENRY H., JR.

MOBIL CORPORATION

CLARK, HOWARD L.

WARNER, RAWLEIGH, JR.

TEXACO, INC.

ROOSA, ROBERT V.

UNION PACIFIC CORPORATION

ROBINSON, JAMES D., III

UNITED STATES STEEL CORPORATION

MARTIN, WILLIAM MCCHESENEY, JR.

AMERICAN EXPRESS INTERNATIONAL BANKING CORP.

AMERICAN EXPRESS COMPANY

WARNER, RAWLEIGH, JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

WARNER, RAWLEIGH, JR.

CATERPILLAR TRACTOR COMPANY

WARNER, RAWLEIGH, JR.

CHEMICAL NEW YORK CORPORATION

WARNER, RAWLEIGH, JR.

MOBIL CORPORATION

WARNER, RAWLEIGH, JR.

AMERICAN STOCK EXCHANGE

AUTOMATIC DATA PROCESSING, INC.

LOEWS CORPORATION

TISCH, LAURENCE A.

NORTON CO.

SOUTHERN NEW ENGLAND TELEPHONE CO.

AETNA LIFE AND CASUALTY COMPANY

KOOPMAN, RICHARD

MILLER, JOHN PERRY

UNITED STATES TRUST COMPANY

AMERICAN EXPRESS COMPANY

AMMIDON, HOYT

CLARK, HOWARD L.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONNECTICUT GENERAL LIFE INSURANCE COMPANY

JOHNSON, BELTON K.
CHRYSLER CORPORATION
KILLEFER, TOM
CONTINENTAL OIL COMPANY
BUEK, C. W.
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
EQUITABLE LIFE ASSURANCE
BUEK, C. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
MOBIL CORPORATION
CLARK, HOWARD L.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH

HARRIS, REESE H., JR.
ICM REALTY
SIMMONS CO.
WEEDEN HOLDING CORP.
JONES, F. S.
POLAROID CORP.

KILPATRICK, R. D.
LAUBACK, G. D.
LOCTITE CORPORATION
LOCKWOOD, T. D.
MARTIN, ERLE
CBT CORPORATION

ROBERTS, HENRY R.
GENERAL FOODS CORP.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
KILLIAN, JAMES R., JR.
FIRST NATIONAL BOSTON CORP.
HILL, RICHARD DEVEREUX
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HILL, RICHARD DEVEREUX

AETNA LIFE AND CASUALTY COMPANY
BARNES, WALLACE
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
SCHOEN, HERBERT P.
TRAVELERS INSURANCE COMPANY
SHAPIRO, ELI
WILKINS, ROGER C.

AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

SOUTHERN NEW ENGLAND TELEPHONE CO.
AETNA LIFE AND CASUALTY COMPANY
KOOPMAN, RICHARD
MILLER, JOHN PERRY
AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.

RUSSELL, THOMAS W., JR.
DCL INC.
SUISMAN, MICHAEL
CBT CORPORATION

AETNA LIFE AND CASUALTY COMPANY
BARNES, WALLACE
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
SCHOEN, HERBERT P.
TRAVELERS INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONNECTICUT GENERAL LIFE INSURANCE COMPANY

SHAPIRO, ELI
WILKINS, ROGER C.

TORREY, J. H.
VANCIL, RICHARD F.
MANAGEMENT ANALYSIS CENTER, INC.
WALDRON, H. B., JR.
CBT CORPORATION

HEUBLEIN, INC.

WATKINS, F. D.
HARTFORD NATIONAL CORP.

KAMAN CORP.

YOUNG, G. W.
PIEDMONT MNGMT. CO., INC.

AETNA LIFE AND CASUALTY COMPANY
BARNES, WALLACE
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
SCHOEN, HERBERT P.
TRAVELERS INSURANCE COMPANY
SHAPIRO, ELI
WILKINS, ROGER C.
NORTHEAST UTILITIES
BATES, EDWARD B.

AETNA LIFE AND CASUALTY COMPANY
BLATZ, DURAND B.
KOOPMAN, RICHARD
NORTHEAST UTILITIES
HENNESSY, EDWARD L., JR.
TRAVELERS INSURANCE COMPANY
FORD, T. MITCHELL
AETNA LIFE AND CASUALTY COMPANY
LORD, CHARLES E.
FIRST NATIONAL BOSTON CORP.
HOLMES, D. BRAINERD
TRAVELERS INSURANCE COMPANY
BARNES, CARLYLE F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
BIGLOW-SANFORD, INC.
MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEEFS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.

FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEAPS, ROEBUCK AND CO.
BEEFS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNFEE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEEFS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
MANUFACTURERS HANOVER CORPORATION
MCGILLICUDDY, JOHN F.
METROPOLITAN LIFE INSURANCE COMPANY
BOUGHTON, J. R.
MORGAN, J. P., AND CO., INC.
BOUGHTON, J. R.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

SPEERY & HUTCHINSON CO.

CHIESA, LUIS QUERO
CONWAY, VIRGIL E.

ATLANTIC MUTUAL INSURANCE CO. CHRYSLER CORPORATION
SEMPLE, ROBERT B.
CITICORP
GRACE, J. PETER
NATIONAL DETROIT CORPORATION
SEMPLE, ROBERT B.

CENTENNIAL INSURANCE CO.
NATIONAL SECURITIES & RESEARCH CORP.
SEAMAN'S BANK FOR SAVINGS

CITICORP
BARNETT, FRANK E.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
EVANS, JAMES H.
UNITED STATES STEEL CORPORATION
WINGATE, HENRY S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
FINLEY, JAMES D.
MITCHELL, DAVID W.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.

STEVENS, J. P., & CO., INC.

HAUSEBURG, ARTHUR
HEISKELL, MARIAN S.
FORD MOTOR CO.

BANKERS TRUST NEW YORK CORP
CULLMAN, JOSEPH F., III
CITICORP
OELMAN, ROBERT S.
EQUITABLE LIFE ASSURANCE
WHAFTON, CLIFTON R.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
MORGAN, J. P., AND CO., INC.
BURGESS, CARTER L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSOLIDATED EDISON CO OF NEW YORK

	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	WELLS FARGO AND COMPANY
	MILLER, ARJAY
INTERSTATE BROADCASTING MERCK & CO., INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MURPHY, WILLIAM B.
	FORD MOTOR CO.
	GADSDEN, HENRY W.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	MORGAN, J. P., AND CO., INC.
	PAGE, WALTER H.
	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
NEW YORK TIMES CO	BANKERS TRUST NEW YORK CORP
	GELB, RICHARD L.
	MAY, WILLIAM F.
	INTERNATIONAL BUSINESS MACHINES CORP.
	SCRANTON, WILLIAM W.
	VANCE, CYRUS R.
ROCKEFELLER UNIVERSITY	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	FORD MOTOR CO.
	BENNETT, GEORGE F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
TIME, INC.	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY
	FREEMAN, GAYLORD
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	FIRST CHICAGO CORPORATION
	FREEMAN, GAYLORD
	INTERNATIONAL BUSINESS MACHINES CORP.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
	WATSON, THOMAS J., JR.
LAPSLEY, WILLIAM W.	
LUCE, CHARLES F.	
	EMPIRE STATE POWER RESOURCES, INC.
	MARINE MIDLAND BANKS, INC.
	LYONS, WILLIAM A.
GAB BUSINESS SERVICES, INC.	
METROPOLITAN LIFE INSURANCE COMPANY	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CHASE MANHATTAN CORP.
	SHINN, RICHARD R.
	CHEMICAL NEW YORK CORPORATION
	FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	CITICORP
	JENKINS, GEORGE P.
	COMMONWEALTH EDISON
	JOHNSON, G. E.
	CROCKER NATIONAL CORPORATION
	SOLOMON, EMMETT G.
	EASTMAN KODAK COMPANY
	WALLIS, W. ALLEN
	EXXON CORPORATION
	PETERSON, MARTHA E.
	FIRST CHICAGO CORPORATION
	SIVAGE, GERALD A.
	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	SIVAGE, GERALD A.
	GOODYEAR TIRE AND RUBBER COMPANY
	HARPER, JOHN DICKESON
	INTERNATIONAL BUSINESS MACHINES CORP.
	FUNSTON, G. KEITH
	MELLON NATIONAL CORPORATION
	HARPER, JOHN DICKESON
	MORGAN, J. P., AND CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP CONSOLIDATED EDISON CO OF NEW YORK

	HOUGHTON, J. R.
	NORTHWEST AIRLINES, INC.
	LAIRD, M. R.
	PACIFIC GAS AND ELECTRIC COMPANY
	SOLOMON, EMMETT G.
	PHILLIPS PETROLEUM COMPANY
	LAIRD, M. R.
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
	RCA CORP.
	SMILEY, DONALD B.
	UNION CARBIDE CORPORATION
	MASON, EIRNEY, JR.
	SNEATH, WILLIAM S.
	UNITED STATES STEEL CORPORATION
UAL, INC.	SMILEY, DONALD B.
	BANKAMERICA CORPORATION
	BRIMMER, ANDREW F.
	CONTINENTAL OIL COMPANY
	NORSTAD, LAURIS
	DUPONT, E. I., DE NEMOURS AND CO.
	BRIMMER, ANDREW F.
	FIRST CHICAGO CORPORATION
	CARLSON, EDWARD E.
	STUART, ROBERT D., JR.
	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	PACIFIC GAS AND ELECTRIC COMPANY
	COOLEY, RICHARD P.
	WELLS FARGO AND COMPANY
	COOLEY, RICHARD P.
MUMFORD, MILTON C.	
ATCO INDUSTRIES INC.	
CROWN ZELLERBACH CORP.	
	BURLINGTON NORTHERN, INC.
	HENDRICKSON, ROBERT M.
	EQUITABLE LIFE ASSURANCE
	HENDRICKSON, ROBERT M.
	PACIFIC GAS AND ELECTRIC COMPANY
	DAHL, C. RAYMOND
	UNION PACIFIC CORPORATION
	ROTH, ROBERT W.
	WESTERN BANCORPORATION
	ROTH, ROBERT W.
EQUITABLE LIFE ASSURANCE	AMERICAN AIR LINES, INC.
	BURR, FRANCIS H.
	FLEISCHMANN, MANLY
	BURLINGTON NORTHERN, INC.
	HENDRICKSON, ROBERT M.
	CHASE MANHATTAN CORP.
	EKLUND, C. G.
	CITICORP
	SHELDON, ELEANOR H. B.
	CONTINENTAL OIL COMPANY
	BUEK, C. W.
	EXXON CORPORATION
	JAMIESON, J. K.
	FORD MOTOR CO.
	WHARTON, CLIFTON R.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	AGEE, WILLIAM M.
	MELLON NATIONAL CORPORATION
	FISHER, A. W.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	WOOLWORTH, F. W., CO.
	JAMES, GEORGE F.
LEVER BROTHERS CO.	AMERICAN AIR LINES, INC.
	CARROLL, THOMAS S.
THOMAS J. LIPTON, INC.	
PAINE, PETER S.	
CHAMPAIN NATIONAL BANK	
CONTINENTAL CORPORATION, THE	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	CHASE MANHATTAN CORP.
	BARBER, CHARLES F.
	LILLEY, ROBERT D.
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	RICKER, JOHN B., JR.
	WILSON, F. PERRY
	ZIPF, GEORGE G.
	MORGAN, J. P., AND CO., INC.
	LEACH, RALPH F.
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	EBEPL, EDWARD R.
	SIVERD, CLIFFORD D.
	WENTWORTH, NATHAN A.
	SOUTHERN RAILWAY COMPANY
	LEACH, RALPH F.
	TRANS WORLD AIRLINES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSOLIDATED EDISON CO OF NEW YORK

	STEWART, PATRICIA CARRY
	UNION CARBIDE CORPORATION
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
GREAT NORTHERN NEKOOSA CORP.	AMERICAN EXPRESS COMPANY
	AMMIDON, ROYT
	FIRST NATIONAL BOSTON CORP.
	MILLER, E. SPENCER
	MARINE MIDLAND BANKS, INC.
	OWEN, NATHAN R.
	UNION PACIFIC CORPORATION
IRVING TRUST CO.	MILLIKEN, MINOT K.
	CHARTER NEW YORK CORP.
	WALLIS, GORDON T.
	UNION PACIFIC CORPORATION
	MILLIKEN, MINOT K.
	WOOLWORTH, F. W., CO.
	WALLIS, GORDON T.
PERKINS, RICHARD S.	
ALLIED CHEMICAL CORP.	CHARTER NEW YORK CORP.
	GIBLIN, E. BURKE
	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
	SHINN, RICHARD R.
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	METROPOLITAN LIFE INSURANCE COMPANY
	SHINN, RICHARD R.
	NORFOLK AND WESTERN RAILWAY COMPANY
	FISCHWICK, JOHN P.
HOSPITAL CORP. OF AMERICA	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	
	CHRYSLER CORPORATION
	BRYAN, ANTHONY J. A.
	SOUTHERN RAILWAY COMPANY
	BRYAN, ANTHONY J. A.
NEW YORK LIFE INSURANCE COMPANY	
	AMERICAN ELECTRIC POWER COMPANY, INC.
	STANTON, FRANK
	ATLANTIC RICHFIELD COMPANY
	STANTON, FRANK
	BURLINGTON NORTHERN, INC.
	BUDD, J. M.
	CBS, INC.
	STANTON, FRANK
	THOMAS, FRANKLIN A.
	CHEMICAL NEW YORK CORPORATION
	PIVIROTT, RICHARD R.
	RENCHARD, WILLIAM S.
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	THOMAS, FRANKLIN A.
	CROCKER NATIONAL CORPORATION
	HULL, JEROME W.
	MANUFACTURERS HANOVER CORPORATION
	FINLEY, JAMES D.
	HAUGE, GABRIEL
	MITCHELL, DAVID W.
	MORGAN, J. P., AND CO., INC.
	BROWN, R. MANNING, JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	STANTON, FRANK
	SOUTHERN PACIFIC COMPANY
	MONROE, GEORGE B.
	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
SCANDINAVIAN SECURITIES CORP.	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
SOUTHERN PACIFIC COMPANY	CITICORP
	HANLEY, JAMES W.
	GENERAL ELECTRIC COMPANY
	LITTLEFIELD, EDMUND W.
	GOODYEAR TIRE AND RUBBER COMPANY
	HAZARD, ELLISON L.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BETCHEL, STEPHEN D., JR.
	MANUFACTURERS HANOVER CORPORATION
	MUNROE, GEORGE B.
	NEW YORK LIFE INSURANCE COMPANY
	MONROE, GEORGE B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSOLIDATED EDISON CO OF NEW YORK

PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SAFeway STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

UNA CORP
RENCHARD, WILLIAM S.
AMERADA HESS CORP.

AMERICAN BROADCASTING COMPANIES
HESS, LEON
PUBLIC SERVICE ELECTRIC AND GAS CO.
VAN FOSSAN, ROBERT V.

ARMSTRONG RUBBER CO.
BAKER INDUSTRIES INC.
BALDWIN SECURITIES CORP.
BORDEN, INC.

CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
MARUSI, AUGUSTINE R.
RICE, WILLIAM THOMAS
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WOOLWORTH, F. W., CO.
CARRY, PATRICIA J.

C. I. REALTY INVESTORS
CHEMICAL NEW YORK CORPORATION

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
GULF OIL CORPORATION
BEEGHLY, CHARLES M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
HARRISON, H. STUART

CLEVELAND CLIFFS IRON CO.

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
CHRYSLER CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSOLIDATED EDISON CO OF NEW YORK

HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

WEN, LAWRENCE A.
BORDEN, INC.

CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
MARUSI, AUGUSTINE R.
RENCHARD, WILLIAM S.
RICE, WILLIAM THOMAS
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WOOLWORTH, F. W., CO.
CARRY, PATRICIA J.

JONATHAN LOGAN INC.
WILLIAMS, FRANKLIN H.
CHEMICAL NEW YORK CORPORATION

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

PHELPS-STOKES FUND

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSOLIDATED FREIGHTWAYS, INC.

ALPERT, ROBERT
ALPERT CORP.
FIRST TEXAS SAVINGS
HORCHOW CORP.
TENNESSEE NATURAL GAS LINES INC.

AMERICAN EXPRESS COMPANY
OWEN, RALPH

TEXAS INDUSTRIES, INC.

CHAMBERS, ROBERT L.
ENVIROTECH CORP.

BANKAMERICA CORPORATION
LUNDBORG, LOUIS B.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.

HEPRICK CORP.
MEMUREX CORP.

CHEIT, EARL F.
SHAKLEE CORP.

HILL, PHILIP S.
BANCAL TRI STATE CORP.

FORD MOTOR CO.
TAYLOR, A. THOMAS
PACIFIC GAS AND ELECTRIC COMPANY
DE BRETTEVILLE, CHARLES
EAMES, ALFRED W.
SAFEWAY STORES, INC.
DE BRETTEVILLE, CHARLES
MITCHELL, W. S.
SHELL OIL COMPANY
DE BRETTEVILLE, CHARLES
PACIFIC GAS AND ELECTRIC COMPANY
DE BRETTEVILLE, CHARLES
EAMES, ALFRED W.
SAFEWAY STORES, INC.
DE BRETTEVILLE, CHARLES
SHELL OIL COMPANY
DE BRETTEVILLE, CHARLES

BANK OF CALIFORNIA

GRAHAM MANUFACTURING CO.
HYSTER CO.

PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.

LEACH, J. FRANK
ARCATA NATIONAL CORPORATION
PRATT, HENRY, COMPANY
REAL ESTATE DATA, INC.
SOLA BASIC INDUSTRIES, INC.

LUEDEDEMAN, HILLMAN
NAVAJO FOREST PRODUCTS INDUSTRIES
OREGON PORTLAND CEMENT CO.

MALLORY, G. BARRON
AMERICAN FLETCHER CORP.

RCA CORP.
HITTINGER, WILLIAM C.

HAGER, INC.
MALLORY P. R. & CO., INC.

O'BRIEN, RAYMOND F.
POELMAN, RONALD E.
SELF, KENNETH W.
ASSOCIATED OREGON INDUSTRIES
FREIGHT LINER CORP.
PACIFIC POWER & LIGHT CO./

SHANNON, EDEFFED L., JR.
COCA COLA BOTTLING CO. OF LOS ANGELES
SANTA FE INTERNATIONAL CORP.

SMITH, RUSSELL G.
SCHENLEY INDUSTRIES
WILBUR-ELLIS COMPANY

STEWART, ISAAC M.
TANNER, N. ELTON
FIRST SECURITY CORP.

TENNECO, INC.
HAGGIN, LOUIS LEE, II
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
ECCLES, SPENCER F.
KENEFFICK, JOHN C.
WESTERN ELECTRIC CO., INC.
KENEFFICK, JOHN C.

MOUNTAIN FUEL SUPPLY CO.
U E L, INC.

WHITE, WILLIAM G.
HEXCEL CORP.
PROVIDENT NATIONAL CORP.

PHILADELPHIA ELECTRIC COMPANY
HARRISON, ROBERT D.

SANTA FE INTERNATIONAL CORP.

YOUNG, W. MAURICE
ATOMIC ENERGY OF CANADA LIMITED
BRITISH COLUMBIA DEVELOPMENT CORP.
FINNING TRACTOR AND EQUIPMENT CO., LTD.
NORTHERN TELECOM LIMITED
CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
CHRYSLER CORPORATION
DEGRANDPRE, A. JEAN
UNITED STATES STEEL CORPORATION
SCRIVENER, ROBERT CARLTON

PINE POINT MINES LIMITED
ROYAL GENERAL INSURANCE CO OF CANADA
SAFEWAY STORES, INC.
GENERAL ELECTRIC COMPANY
BOSWELL, JAMES G., II

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSOLIDATED FREIGHTWAYS, INC.

PACIFIC GAS AND ELECTRIC COMPANY
DE BRETTEVILLE, CHARLES
SECURITY PACIFIC CORP.

BOSWELL, JAMES G., II
SHELL OIL COMPANY

DE BRETTEVILLE, CHARLES
SOUTHERN PACIFIC COMPANY
MAGOWAN, ROBERT A.

WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.
LAPHAM, ROGER D., JR.

TORONTO-DOMINION BANK

CHRYSLER CORPORATION
DEGRANDPPE, A. JEAN

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
POP CONSUMERS POWER COMPANY

AYMOND, A. H.

KELLOGG CO.

KRESGE, S. S., COMPANY

NATIONAL DETROIT CORPORATION

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BORIS, WALTER R.

COLE, EDWARD N.

GOULD, INC.

CUTLER, E. NEWTON, JR.

AMERICAN STANDARD INC.

HORIZON BANCORP

GILLET, RICHARD M.

CITATION COMPANIES, INC.

OLD KENT FINANCIAL CORP.

GRIFFITHS, MARTHA W.

CHRYSLER CORPORATION

AMERICAN ELECTRIC POWER COMPANY, INC.

ZWIENER, KENNETH V.

PHILLIPS PETROLEUM COMPANY

WHARTON, DOLORES D.

SANTA FE INDUSTRIES, INC.

ZWIENER, KENNETH V.

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

DETROIT EDISON COMPANY

HARPER, DAVID B.

NATIONAL DETROIT CORPORATION

BODMAN, HENRY T.

CUNNINGHAM, HARRY B.

GRIFFITHS, MARTHA W.

AMERICAN AIR LINES, INC.

FISCHER, CHARLES T., III

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

SEMPLE, ROBERT B.

DETROIT EDISON COMPANY

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

HAMANN, JOHN R.

HUDSON, JOSEPH L., JR.

GENERAL MOTORS CORP.

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

FRESGE, S. S., COMPANY

BODMAN, HENRY T.

CUNNINGHAM, HARRY B.

GRIFFITHS, MARTHA W.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

GENERAL MOTORS CORP.

CLEARY, CATHERINE B.

MELLON NATIONAL CORPORATION

BYROM, FLETCHER L.

NORTHWEST BANCORPORATION

BEMIS, JUDSON

CONTINENTAL ILLINOIS CORPORATION

POTTER, KEITH R.

FIRST BANK SYSTEM, INC.

NYROP, DONALD W.

FIRST CHARTER FINANCIAL CORP.

HANSBERGER, ROBERT V.

INTERNATIONAL HARVESTER COMPANY

POTTER, KEITH R.

NORTHWEST AIRLINES, INC.

NYROP, DONALD W.

WAKEFIELD, LYMAN E., JR.

BANKERS TRUST NEW YORK CORP

LENON, RICHARD A.

CHEMICAL NEW YORK CORPORATION

MARUSI, AUGUSTINE R.

WALKER, WILBERT A.

MANUFACTURERS HANOVER CORPORATION

LAPORTE, WILLIAM F.

SHELL OIL COMPANY

SPAGHT, MONROE E.

UNITED STATES STEEL CORPORATION

WALKER, WILBERT A.

WINGATE, HENRY S.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

BANKAMERICA CORPORATION

HALABY, NAJEEB E.

CHASE MANHATTAN CORP.

DILLWORTH, J. RICHARDSON

HEWLETT, WILLIAM R.

CONTINENTAL CORPORATION, THE

HOLLAND, JEROME HEARTWELL

FEDERATED DEPARTMENT STORES, INC.

HOLLAND, JEROME HEARTWELL

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

BRYAN, ANTHONY J. A.

MANUFACTURERS HANOVER CORPORATION

HAUGE, GABRIEL

HOLLAND, JEROME HEARTWELL

NATIONAL DETROIT CORPORATION

SEMPLE, ROBERT B.

NEW YORK LIFE INSURANCE COMPANY

HAUGE, GABRIEL

SOUTHERN RAILWAY COMPANY

BRYAN, ANTHONY J. A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSUMERS POWER COMPANY

KRESGE, S. S., COMPANY	UNION CARBIDE CORPORATION HOLLAND, JEROME HEARTWELL DETROIT EDISON COMPANY HARPER, DAVID B. NATIONAL DETROIT CORPORATION AYMOND, A. H. BODMAN, HENRY T. CUNNINGHAM, HARRY B. NORTHWESTERN MUTUAL LIFE INSURANCE CO AYMOND, A. H.
NATIONAL DETROIT CORPORATION	AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III CHRYSLER CORPORATION SEMPLE, ROBERT B. DETROIT EDISON COMPANY FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. HAMANN, JOHN R. HUDSON, JOSEPH L., JR. GENERAL MOTORS CORP. FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. KRESGE, S. S., COMPANY AYMOND, A. H. BODMAN, HENRY T. CUNNINGHAM, HARRY B. NORTHWESTERN MUTUAL LIFE INSURANCE CO AYMOND, A. H.
HANNON, JOHN W., JR. BANKERS TRUST NEW YORK CORP	AMERICAN TELEPHONE AND TELEGRAPH COMPANY ELLINGHAUS, WILLIAM M. CONTINENTAL OIL COMPANY BLAUVELT, HOWARD W. FORD MOTOR CO. CULLMAN, JOSEPH F., III GENERAL TELEPHONE AND ELECTRONICS CORP. BLAUVELT, HOWARD W. INTERNATIONAL BUSINESS MACHINES CORP. MOORE, WILLIAM H. MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY MCCULLOUGH, DONALD F. MOBIL CORPORATION LAPHAM, LEWIS A. TAVOULAREAS, WILLIAM P. PENNEY, J. C., CO., INC. ELLINGHAUS, WILLIAM M. JORDAN, VERNON E., JR. PRUDENTIAL INSURANCE CO. OF AMERICA GORMAN, PAUL A. WESTERN ELECTRIC CO., INC. BICKMORE, LEE S.
MCKONE, DON T. HAYES ALBION CORP.	NORTHWESTERN MUTUAL LIFE INSURANCE CO BUTLER, A. L., JR.
LIBBEY-OWENS-FORD CO.	COLUMBIA GAS SYSTEM MACNICHOL, GEORGE P. NEW YORK LIFE INSURANCE COMPANY DONNELL, J. C., II PRUDENTIAL INSURANCE CO. OF AMERICA SCHAEFERLE, ROBERT M. WESTERN ELECTRIC CO., INC. GUSHMAN, JOHN LOUIS WOOLWORTH, F. W., CO. GUSHMAN, JOHN LOUIS
NATIONAL DETROIT CORPORATION	AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III CHRYSLER CORPORATION GRIFFITHS, MARTHA W. SEMPLE, ROBERT B. DETROIT EDISON COMPANY FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. HAMANN, JOHN R. HUDSON, JOSEPH L., JR. GENERAL MOTORS CORP. FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. KRESGE, S. S., COMPANY AYMOND, A. H. BODMAN, HENRY T. CUNNINGHAM, HARRY B. GRIFFITHS, MARTHA W. NORTHWESTERN MUTUAL LIFE INSURANCE CO AYMOND, A. H.
MOTT, C. S. HARDING BENDIX CORP.	AMERICAN ELECTRIC POWER COMPANY, INC. FOLSOM, RICHARD G. CHASE MANHATTAN CORP. EKLUND, C. G. CHEMICAL NEW YORK CORPORATION VILA, GEORGE R. CONTINENTAL ILLINOIS CORPORATION LAFONTANT, JEWEL S. EQUITABLE LIFE ASSURANCE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONSUMERS POWER COMPANY

	AGEE, WILLIAM M.
	EKLUND, C. G.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	AGEE, WILLIAM M.
	KRESGE, S. S., COMPANY
	CUNNINGHAM, HARRY B.
	PURCELL, ROBERT W.
	NATIONAL DETROIT CORPORATION
	CUNNINGHAM, HARRY B.
	TRANS WORLD AIRLINES, INC.
	LAFONTANT, JEWEL S.
NATIONAL CAN CORP.	
ROLL, LYLE C.	
KELLOGG CO.	
	AMERICAN ELECTRIC POWER COMPANY, INC.
	ZWIENER, KENNETH V.
	KRESGE, S. S., COMPANY
	AYMOND, A. H.
	NATIONAL DETROIT CORPORATION
	AYMOND, A. H.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	AYMOND, A. H.
	PHILLIPS PETROLEUM COMPANY
	WHARTON, DOLORES D.
	SANTA FE INDUSTRIES, INC.
	ZWIENER, KENNETH V.
SMUCKER, J. M. CO.	
SELBY, JOHN D.	
	NORTHERN MICHIGAN EXPLORATION CO.
SIMPSON, JOHN B.	
	MICHIGAN GAS STORAGE CO.
	NORTHERN MICHIGAN EXPLOPATION CO.
	PLATEAU RESOURCES, LTD.
SUERTH, JOHN C.	
	GERBER PRODUCTS CO.
	HERSHEY FOODS CORP.
	KYSOR INDUSTRIAL CORP.
	OLD KENT FINANCIAL CORP.
	SEALED POWER CORP.
UPJOHN, E. GIFFORD (DR.)	
UPJOHN CO.	
	WESTINGHOUSE ELECTRIC CORPORATION
	HORNIG, DONALD (DR.)
YOUNGDAHL, RUSSELL C.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL CORPORATION, THE

BARBER, CHARLES F.
ASARCO, INC.

CHASE MANHATTAN CORP.

BELL, DRUMMOND C.
ALMADEN VINEYARDS INC.

AVIS, INC.

NATIONAL DISTILLERS & CHEMICAL CORP.
NATIONAL REINSURANCE CORP.

PANHANDLE EASTERN PIPE LINE CO.

SURVEYOR FUND, INC.

EBERLE, EDWARD R.
FIDELITY UNION BANCORPORATION

FIDELITY UNION TRUST CO.

BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CHASE MANHATTAN CORP.
BUTCHER, WILLARD C.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
SOUTHERN RAILWAY COMPANY
BOND, WILLIAM ROBERT
AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
EQUITABLE LIFE ASSURANCE
EKLUND, C. G.
EXXON CORPORATION
KAUFFMAN, HOWARD C.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
GENERAL MOTORS CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
INTERNATIONAL BUSINESS MACHINES CORP.
HARRIS, PATRICIA R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
SEARS, ROEBUCK AND CO.
PACE, NORMA T.
STANDARD OIL COMPANY OF INDIANA
SWEARINGEN, JOHN E.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.

CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
WELLS FARGO AND COMPANY
PHLEGER, ATRERTON M.
AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
KEESEEE, THOMAS W., JR.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
TRAVELERS INSURANCE COMPANY
SHAPIRO, ELI

CHASE MANHATTAN CORP.
ROEDER, GEORGE A., JR.

WESTERN ELECTRIC CO., INC.
MORGAN, JOHN A.
TRANS WORLD AIRLINES, INC.
MCKINNEY, ROBERT M.

CHARTER NEW YORK CORP.
GIBLIN, E. BURKE
SMILEY, DONALD B.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
DAVIS, C. MALCOLM
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
WENTWORTH, NATHAN A.
RCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
DAVIS, C. MALCOLM
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
SAFEWAY STORES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL CORPORATION, THE
CHUBB, PERCY, III
PUBLIC SERVICE ELECTRIC AND GAS CO.
PRUDENTIAL INSURANCE CO. OF AMERICA
DAVIS, C. MALCOLM
FOSTER, MARGERY SOMMERS

TRANSPORT OF NEW JERSEY
HOLLAND, JEROME HEARTWELL

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
FROCTEP AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNITED STATES STEEL CORPORATION
DFBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
BANKAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPLE, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.

CHRYSLER CORPORATION

CYLBRO CORP.
FEDERATED DEPARTMENT STORES, INC.

CHASE MANHATTAN CORP.
LAZARUS, RALPH
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
FIGGINS, W. P.
JOHNSON, H. W.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.

GENERAL FOODS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL CORPORATION, THE

MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

MANUFACTURERS HANOVER CORPORATION
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
GENERAL MOTORS CORP.
ROCHE, JAMES M.
MARINE MIDLAND BANKS, INC.
OWENS, CORNELIUS W.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
MACBAIN, GAVIN KEITH
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERRY
METROPOLITAN LIFE INSURANCE COMPANY
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PENNEY, J. C., CO., INC.
JACKSON, JACK B.

NEW YORK STOCK EXCHANGE

UNION CARBIDE CORPORATION

ZURN INDUSTRIES, INC.
HURLEY, DONALD J.
BOSTON CO., INC.

CHASE MANHATTAN CORP.
VERITY, CALVIN WILLIAM, JR.
FORD MOTOR CO.
IACOCCA, LEE A.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
FOX, JOHN M.
PAN AMERICAN WORLD AIRWAYS, INC.
WISER, FORWOOD C., JR.
SEABOARD COAST LINE INDUSTRIES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL CORPORATION, THE

WOLBACH, WILLIAM W.
SHELL OIL COMPANY
SPAGHT, MONROE E.
STOP & SHOP COMPANIES, INC. JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
CAHNERS, N. L.
SEABOARD COAST LINE INDUSTRIES, INC.
WOLBACH, WILLIAM W.
JOHNSON, HAROLD E.
FRANKLIN LIFE INSURANCE CO. PUBLIC SERVICE ELECTRIC AND GAS CO.
WENTWORTH, NATHAN A.
FRANKLIN UNITED LIFE INSURANCE CO.
MANUFACTURERS HANOVER CORPORATION
RICKER, JOHN B., JR.
IDAHO POWER CO. FIRST CHARTER FINANCIAL CORP.
HANSBERGER, ROBERT V.
RICHARDS MICRO TOOL COMPANY
LAMBERT, ALLEN T.
CANADIAN INTERNATIONAL PAPER CO.
DOWNES MINES LTD.
HIRAM-WALKER-GOODERHAM & WARTS, LTD.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
UNITED STATES STEEL CORPORATION
SCRIVENER, ROBERT CARLTON
I. B. M., LTD.
INCO, LTD. MARINE MIDLAND BANKS, INC.
FOSHAY, WM. WARD
JUDSON BAY MINING & SMELTING CO., LTD.
LONDON LIFE INSURANCE CO.
MIDLAND & INTERNATIONAL BANKS, LTD.
TORONTO DOMINION BANK
PRUDENTIAL INSURANCE CO. OF AMERICA
THOMSON, RICHARD M.
WESTINGHOUSE CANADA, LTD. GULF OIL CORPORATION
MATTHEWS, BEVERLY
LEACH, RALPH F.
MORGAN, J. P., AND CO., INC. AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
NIAGARA MOHAWK POWER CORPORATION
MARINE MIDLAND BANKS, INC.
DUFFY, EDWARD W.
SOUTHERN RAILWAY COMPANY AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DAVIS, ARCHIE K.
CHRYSLER CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL CORPORATION, THE

	BRYAN, ANTHONY J. A.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	BRYAN, ANTHONY J. A.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
URBAN NATIONAL CORP.	AETNA LIFE AND CASUALTY COMPANY
	TAYLOR, HOBART, JR.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	TAYLOR, HOBART, JR.
	WESTINGHOUSE ELECTRIC CORPORATION
	TAYLOR, HOBART, JR.
LILLEY, ROBERT D. CELANESE CORP.	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	BANKERS TRUST NEW YORK CORP
	JORDAN, VERNON E., JR.
	CHEMICAL NEW YORK CORPORATION
	PLACE, JOHN B. M.
	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	HAMILTON, FREDERIC C.
	METROPOLITAN LIFE INSURANCE COMPANY
	PLACE, JOHN B. M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	PENNEY, J. C., CO., INC.
	JORDAN, VERNON E., JR.
	SECURITY PACIFIC CORP.
CHASE MANHATTAN CORP.	ANDERSON, ROBERT B.
	AMERICAN EXPRESS COMPANY
	FURLAUD, RICHARD M.
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	EQUITABLE LIFE ASSURANCE
	EKLUND, C. G.
	EXXON CORPORATION
	KAUFFMAN, HOWARD C.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GENERAL ELECTRIC COMPANY
	LAZARUS, RALPH
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	INTERNATIONAL BUSINESS MACHINES CORP.
	HARRIS, PATRICIA R.
	METROPOLITAN LIFE INSURANCE COMPANY
	SHINN, RICHARD R.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	SEARS, ROEBUCK AND CO.
	PAGE, NORMA T.
	STANDARD OIL COMPANY OF INDIANA
	SWEARINGEN, JOHN E.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
CITIES SERVICE CO.	AMERICAN BROADCASTING COMPANIES
	ADAM, RAY C.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	SANFORD, TERRY
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	SELLERS, ROBERT
	MANUFACTURERS HANOVER CORPORATION
	MCGILLICUDDY, JOHN F.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
MACY, R. H., AND CO., INC.	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	CITICORP
	FOUPAKER, LAWRENCE E.
	GENERAL ELECTRIC COMPANY
	MICHELSON, GERTRUDE G.
	MANUFACTURERS HANOVER CORPORATION
	WILSON, F. PERRY
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	BEALE, O. E.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SMILEY, DONALD B.
	UNION CARBIDE CORPORATION
	WILSON, F. PERRY
	UNITED STATES STEEL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 POP CONTINENTAL CORPORATION, THE
 SMILEY, DONALD B.

MUTUAL BENEFIT LIFE INSURANCE CO.
 AMERICAN EXPRESS COMPANY
 FURLAUD, RICHARD M.
 CHASE MANHATTAN CORP.
 FURLAUD, RICHARD M.
 PUBLIC SERVICE ELECTRIC AND GAS CO.
 VAN FOSSAN, ROBERT V.

PEOPLES GAS CO.
 INTERNATIONAL HARVESTER COMPANY
 LANTERMAN, JOSEPH B.
 NORFOLK AND WESTERN RAILWAY COMPANY
 STROTZ, ROBERT H.

PAINE, PETER S.
 CHAMPAIN NATIONAL BANK
 CONSOLIDATED EDISON CO OF NEW YORK
 CHEMICAL NEW YORK CORPORATION
 RENCHARD, WILLIAM S.
 WILLIAMS, FRANKLIN H.

EQUITABLE LIFE ASSURANCE
 MUMFORD, MILTON C.
 FORD MOTOR CO.
 HEISKELL, MARIAN S.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 PERKINS, RICHARD S.
 MANUFACTURERS HANOVER CORPORATION
 BEINECKE, WILLIAM S.

METROPOLITAN LIFE INSURANCE COMPANY
 LUCE, CHARLES F.
 NEW YORK LIFE INSURANCE COMPANY
 PERKINS, RICHARD S.
 RENCHARD, WILLIAM S.

SOUTHERN PACIFIC COMPANY
 PERKINS, RICHARD S.
 UAL, INC.
 LUCE, CHARLES F.

GREAT NORTHERN NEKOOSA CORP.
 AMERICAN EXPRESS COMPANY
 AMMIDON, HOYT
 FIRST NATIONAL BOSTON CORP.
 MILLER, E. SPENCER

MARINE MIDLAND BANKS, INC.
 OWEN, NATHAN R.
 UNION PACIFIC CORPORATION
 MILLIKEN, MINOT K.

IRVING TRUST CO.
 CHARTER NEW YORK CORP.
 WALLIS, GORDON T.
 UNION PACIFIC CORPORATION
 MILLIKEN, MINOT K.

WOOLWORTH, F. W., CO.
 WALLIS, GORDON T.

RICKER, JOHN B., JR.
 FRANKLIN UNITED LIFE INSURANCE CO.
 MANUFACTURERS HANOVER CORPORATION
 AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.

AMERICAN BROADCASTING COMPANIES
 MACIOCE, THOMAS M.
 AMERICAN EXPRESS COMPANY
 HENLEY, HENRY H., JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEROME HEARTWELL
 LINDHOLM, WILLIAM L.

CHRYSLER CORPORATION
 HAUGE, GABRIEL
 HOLLAND, JEROME HEARTWELL

CONSOLIDATED EDISON CO OF NEW YORK
 BEINECKE, WILLIAM S.
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL

GENERAL ELECTRIC COMPANY
 HENLEY, HENRY H., JR.
 GOODYEAR TIRE AND RUBBER COMPANY
 PILLIOD, CHARLES JULE, JR.

NEW YORK LIFE INSURANCE COMPANY
 FINLEY, JAMES D.
 HAUGE, GABRIEL
 MITCHELL, DAVID W.

SEARS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 SOUTHERN PACIFIC COMPANY
 MUNROE, GEORGE B.

UNION CARBIDE CORPORATION
 HOLLAND, JEROME HEARTWELL
 WILSON, F. PERRY

UNITED STATES STEEL CORPORATION
 BEERS, WILLIAM O.
 WESTINGHOUSE ELECTRIC CORPORATION
 MCGILLICUDDY, JOHN F.

WHITMAN, MARINA V. N.

PHOENIX ASSURANCE CO OF NEW YORK
 SIVERD, CLIFFORD D.
 AMERICAN CYANAMID CO.
 PUBLIC SERVICE ELECTRIC AND GAS CO.

PRUDENTIAL INSURANCE CO. OF AMERICA
 DAVIS, C. MALCOLM

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL CORPORATION, THE

STEWART, PATRICIA CARRY
BORDEN, INC.

FOSTER, MARGERY SOMMERS

CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
MARUSI, AUGUSTINE R.
RENCHARD, WILLIAM S.
RICE, WILLIAM THOMAS
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WIEN, LAWRENCE A.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WOOLWORTH, F. W., CO.
CARRY, PATRICIA J.
CATERPILLAR TRACTOR COMPANY
PACKARD, DAVID
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
PROCTER AND GAMBLE COMPANY
MCGHEE, GEORGE C.
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
WESTERN BANCORPORATION
THORTON, CHARLES B.

TRANS WORLD AIRLINES, INC.

WEINTRAUB, MICHAEL
WENTWORTH, NATHAN A.
EAST RIVER SAVINGS BANK

PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.

EXPORT-IMPORT BANK OF U. S.
FIDELITY UNION BANCORPORATION

CHARTER NEW YORK CORP.
GIBLIN, E. BURKE
SMILEY, DONALD B.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
DAVIS, C. MALCOLM
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
EBERLE, EDWARD R.
RCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

FRANKLIN LIFE INSURANCE CO.
PUBLIC SERVICE ELECTRIC AND GAS CO.

PRUDENTIAL INSURANCE CO. OF AMERICA
DAVIS, C. MALCOLM
FOSTER, MARGERY SOMMERS

WILSON, F. PERRY
MACY, R. H., AND CO., INC.

CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
LILLEY, ROBERT D.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CITICORP
FOURAKER, LAWRENCE E.
GENERAL ELECTRIC COMPANY
MICHELSON, GERTRUDE G.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
BEALE, O. E.
RCA CORP.
FOURAKER, LAWRENCE E.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL CORPORATION, THE

CONSOLIDATED EDISON CO OF NEW YORK
 BEINECKE, WILLIAM S.
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 GENERAL ELECTRIC COMPANY
 HENLEY, HENRY H., JR.
 GOODYEAR TIRE AND RUBBER COMPANY
 PILLIOD, CHARLES JULE, JR.
 NEW YORK LIFE INSURANCE COMPANY
 FINLEY, JAMES D.
 HAUGE, GABRIEL
 MITCHELL, DAVID W.
 SEARS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 SOUTHERN PACIFIC COMPANY
 MUNROE, GEORGE B.
 UNION CARBIDE CORPORATION
 HOLLAND, JEROME HEARTWELL
 UNITED STATES STEEL CORPORATION
 BEERS, WILLIAM O.
 WESTINGHOUSE ELECTRIC CORPORATION
 MCGILLICUDDY, JOHN F.
 WHITMAN, MARINA V. N.
 SMITH, A. O., CORP. AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.
 GOODYEAR TIRE AND RUBBER COMPANY
 SMITH, LLOYD B.
 MANUFACTURERS HANOVER CORPORATION
 BEERS, WILLIAM O.
 SEARS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 UNITED STATES STEEL CORPORATION
 BEERS, WILLIAM O.
 UNION CARBIDE CORPORATION AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEROME HEARTWELL
 CHASE MANHATTAN CORP.
 FERGUSON, JAMES L.
 CHRYSLER CORPORATION
 HOLLAND, JEROME HEARTWELL
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 MANUFACTURERS HANOVER CORPORATION
 HOLLAND, JEROME HEARTWELL
 METROPOLITAN LIFE INSURANCE COMPANY
 MASON, BIRNEY, JR.
 SNEATH, WILLIAM S.
 MORGAN, J. P., AND CO., INC.
 BROWN, R. MANNING, JR.
 NEW YORK LIFE INSURANCE COMPANY
 BROWN, R. MANNING, JR.
 PENNEY, J. C., CO., INC.
 JACKSON, JACK B.
 ZIPF, GEORGE G.
 BABCOCK AND WILCOX CO.
 KRAFTCO CORP. WESTERN ELECTRIC CO., INC.
 BAKER, WILLIAM O.
 AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 CLEARY, CATHERINE B.
 DEBUTTS, JOHN D.
 ATLANTIC RICHFIELD COMPANY
 INGERSOLL, ROBERT S.
 BANCERS TRUST NEW YORK CORP
 THAYER, WALTER N.
 CATERPILLAR TRACTOR COMPANY
 INGERSOLL, ROBERT S.
 CITICORP
 DEBUTTS, JOHN D.
 FIRST CHICAGO CORPORATION
 INGERSOLL, ROBERT S.
 WOELFLE, ARTHUR W.
 GENERAL MOTORS CORP.
 CLEARY, CATHERINE B.
 DEBUTTS, JOHN D.
 MANUFACTURERS HANOVER CORPORATION
 BEERS, WILLIAM O.
 MCGILLICUDDY, JOHN F.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 CLEARY, CATHERINE B.
 SANTA FE INDUSTRIES, INC.
 WOELFLE, ARTHUR W.
 SEARS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 UNITED STATES STEEL CORPORATION
 BEERS, WILLIAM O.
 DEBUTTS, JOHN D.
 WESTINGHOUSE ELECTRIC CORPORATION
 MCGILLICUDDY, JOHN F.
 MANUFACTURERS HANOVER CORPORATION
 AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.
 AMERICAN BROADCASTING COMPANIES
 MACIOCE, THOMAS M.
 AMERICAN EXPRESS COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL CORPORATION, THE

HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL ILLINOIS CORPORATION

ANDERSON, ROGER E.

AMSTEAD INDUSTRIES

EASTMAN KODAK COMPANY

AETNA LIFE AND CASUALTY COMPANY
SHERMAN, ROBERT A.

CITICORP

HATFIELD, ROBERT S.

GENERAL MOTORS CORP.

FALLON, WALTER A.

HATFIELD, ROBERT S.

MARINE MIDLAND BANKS, INC.

ZORNOW, GERALD B.

METROPOLITAN LIFE INSURANCE COMPANY

WALLIS, W. ALLEN

MORGAN, J. P., AND CO., INC.

FALLON, WALTER A.

PENNEY, J. C., CO., INC.

KREPS, JUANITA M.

UNITED STATES STEEL CORPORATION

MEYER, JOHN M., JR.

WESTERN ELECTRIC CO., INC.

KREPS, JUANITA M.

WESTINGHOUSE ELECTRIC CORPORATION

EILERS, LOUIS K.

INTERNATIONAL HARVESTER COMPANY

BANKAMERICA CORPORATION

BRIMMER, ANDREW F.

BURLINGTON NORTHERN, INC.

MENK, LOUIS W.

COMMONWEALTH EDISON

MCCORMICK, BROOKS

DUPONT, E. I., DE NEMOURS AND CO.

BRIMMER, ANDREW F.

FIRST BANK SYSTEM, INC.

MENK, LOUIS W.

FIRST CHICAGO CORPORATION

MCCORMICK, BROOKS

MENK, LOUIS W.

NORTHWEST BANCORPORATION

SPENCER, EDSON W.

SANTA FE INDUSTRIES, INC.

RATTALIATA, JOHN T.

UAL, INC.

BRIMMER, ANDREW F.

WESTERN ELECTRIC CO., INC.

RATTALIATA, JOHN T.

JOHNSON, S. C., AND SONS

BAUMHART, RAYMOND C.

JEWEL COMPANIES, INC.

CITICORP

FOURAKER, LAWRENCE E.

EASTMAN KODAK COMPANY

PERKINS, DONALD S.

GENERAL ELECTRIC COMPANY

CATHCART, SILAS S.

INTERNATIONAL HARVESTER COMPANY

BAYS, KARL D.

RCA CORP.

FOURAKER, LAWRENCE E.

BERE, JAMES F.

ABBOTT LABORATORIES, INC.

GENERAL ELECTRIC COMPANY

SCRIBNER, GILBERT H., JR.

STANDARD OIL COMPANY OF INDIANA

RASMUSSEN, ARTHUR E.

BORG WARNER ACCEPTANCE CORP.

FIRESTONE TIRE AND RUBBER CO.

HUGHES TOOL CO.

PUTNAM MANAGEMENT COMPANY, INC. (THE)

REGAN, JOHN MACVEIGH, JR.

FIRST CHICAGO CORPORATION

NEVIN, JOHN J.

INTERNATIONAL HARVESTER COMPANY

LANTERMAN, JOSEPH B.

MORGAN, GRAHAM J.

ATLANTIC RICHFIELD COMPANY

FREEMAN, GAYLORD

COMMONWEALTH EDISON

AYERS, THOMAS G.

FIRST CHICAGO CORPORATION

AYERS, THOMAS G.

FREEMAN, GAYLORD

GRAHAM, WILLIAM B.

GREY, JOHN D.

HEINEMAN, BEN W.

SEARS, ROEBUCK AND CO.

AYERS, THOMAS G.

COREY, GORDON R.

COMMONWEALTH EDISON

BETHLEHEM STEEL CORPORATION

WRIGHT, JOSEPH S.

EASTERN AIRLINES, INC.

PRINCE, WILLIAM WOOD

FIRST CHICAGO CORPORATION

AYERS, THOMAS G.

MCCORMICK, BROOKS

PRINCE, WILLIAM WOOD

SWIFT, A. DEAN

INTERNATIONAL HARVESTER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL ILLINOIS CORPORATION

MCCORMICK, BROOKS
METROPOLITAN LIFE INSURANCE COMPANY
JOHNSON, G. E.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.

INLAND STEEL COMPANY
HEWITT, WILLIAM A.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
AMERICAN EXPRESS COMPANY
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
BLAUVELT, HOWARD W.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
EQUITABLE LIFE ASSURANCE
BUEK, C. W.
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
UAL, INC.
NORSTAD, LAURIS
CHRYSLER CORPORATION
FLEMING, ROBBEN W.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GRAHAM, WILLIAM B.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
UAL, INC.
CARLSON, EDWARD E.

CONTINENTAL OIL COMPANY

DEERE & CO.

JOHNSON, WILLIAM B.
ABEX CORPORATION
ESMARCK, INC.

CATERPILLAR TRACTOR COMPANY
NAUMANN, WILLIAM L.
COMMONWEALTH EDISON
MCCORMICK, BROOKS
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL ILLINOIS CORPORATION

FIRST CHICAGO CORPORATION
MCCORMICK, BROOKS
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
MELLON NATIONAL CORPORATION
CASEY, SAMUEL B., JR.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
TRANS WORLD AIRLINES, INC.
CROWN, LESTER

FC INDUSTRIES
IC INDUSTRIES, INC.

CATERPILLAR TRACTOR COMPANY
NAUMANN, WILLIAM L.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH

ILL. CENTRAL GULF RAILROAD
LINCOLN FINANCIAL, INC.
MIDAS-INTERNATIONAL CORP.
PEPSI COLA GENERAL BOTTLERS, INC.
TRANS UNION CORP.

EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN

KARNES, WILLIAM G.
BEATRICE FOODS CO.

CHRYSLER CORPORATION
COLEMAN, JOHN H.
CITICORP
COSTANZO, G. A.
INTERNATIONAL HARVESTER COMPANY
VOSS, OMER G.

BORG WARNER CORP.

ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
FIRST CHICAGO CORPORATION
GRAHAM, WILLIAM B.
GWINN, ROBERT P.
INGERSOLL, ROBERT S.

CHICAGO MILWAUKEE CORPORATION

CHAPTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.

CHICAGO, MILWAUKEE, ST PAUL &

PAC RR
CHAPTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.
TRANS WORLD AIRLINES, INC.
O'MALLEY, PATRICK L.

STONE CONTAINER CORP.

VAUGHN JACKLIN CORP.
LAFONTANT, JEWEL S.
BENDIX CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.
FOLSOM, RICHARD G.
CHASE MANHATTAN CORP.
EKLUND, C. G.
CHEMICAL NEW YORK CORPORATION
VILA, GEORGE R.
CONSUMERS POWER COMPANY
MOTT, C. S. HARDING
EQUITABLE LIFE ASSURANCE
AGEE, WILLIAM M.
EKLUND, C. G.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
KRESGE, S. S., COMPANY
CUNNINGHAM, HARRY B.
PURCELL, ROBERT W.
NATIONAL DETROIT CORPORATION
CUNNINGHAM, HARRY B.

FOOTECONE AND BELDING COMMUNICATIONS INC.
TRANS WORLD AIRLINES, INC.

CATERPILLAR TRACTOR COMPANY
PACKARD, DAVID
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
PROCTER AND GAMBLE COMPANY
MCGHEE, GEORGE C.
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
WESTERN BANCORPORATION
THORTON, CHARLES B.

MALOTT, ROBERT H.
BELL & HOWELL CO.

FIRST CHICAGO CORPORATION
GRAHAM, WILLIAM B.
MOBIL CORPORATION
VAN DER EB, HENRY G.

DATA DOCUMENTS, INC.
FMC CORP.

KROGER COMPANY, THE
THOMPSON, MORLEY P.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL ILLINOIS CORPORATION
STANDARD OIL COMPANY OF INDIANA

BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
CHASE MANHATTAN CORP.
SWEARINGEN, JOHN E.
CHEMICAL NEW YORK CORPORATION
WOOD, RICHARD D.
COMMONWEALTH EDISON
WRIGHT, JOSEPH S.
FIRST CHICAGO CORPORATION
ABBOUD, ROBERT A.

MILLER, DONALD C.
ROYAL-GLOBE INSURANCE CO.
STALEY, A. E., MANUFACTURING CO.
INTERNATIONAL HARVESTER COMPANY
LANTERMAN, JOSEPH B.

MITCHELL, MARVIN G.
BLISS & LAUGHLIN INDUSTRIES, INC.
TRAVELERS INSURANCE COMPANY
FORD, T. MITCHELL

CHICAGO BRIDGE & IRON CO.
DONNELLEY, R. R., AND SONS CO.
FIRST CHICAGO CORPORATION
JAICKS, FREDERICK G.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
BERRY, HAROLD J.
INTERNATIONAL HARVESTER COMPANY
SMITH, HAROLD BYRON
PHILLIPS PETROLEUM COMPANY
MEEKER, DAVID B.

HARLEY-MITCHELL HARDWARE CO.
MCGRAW EDISON CO.
BURLINGTON NORTHERN, INC.
ALWORTH, ROYAL D., JR.

MITCHELL-STEWART HARDWARE CO.
PERKINS, JOHN H.
MIDWEST STOCK EXCHANGE
PILLSBURY CO.
NORTHWEST BANCORPORATION
PILLSBURY, JOHN S., JR.
SPOOR, WILLIAM H.

POTTER, KEITH R.
GOULD, INC.
CONSUMERS POWER COMPANY
COLE, EDWARD N.
FIRST BANK SYSTEM, INC.
NYROP, DONALD W.
FIRST CHARTER FINANCIAL CORP.
HANSBERGER, ROBERT V.
NORTHWEST AIRLINES, INC.
NYROP, DONALD W.
WAKEFIELD, LYMAN E., JR.

ILLINOIS POWER CO.
INTERNATIONAL HARVESTER COMPANY
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
COMMONWEALTH EDISON
MCCORMICK, BROOKS
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MCCORMICK, BROOKS
MENK, LOUIS W.
NORTHWEST BANCORPORATION
SPENCER, EDSON W.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
UAL, INC.
BRIMMER, ANDREW F.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.

QUINN, WILLIAM J.
ASSN. OF AMERICAN RAILROADS
CHICAGO MILWAUKEE CORPORATION
CHARTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.

CHICAGO, MILWAUKEE, ST PAUL & PAC RR
CHARTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.

CLOW CORP.
NATIONAL RAILROADS PASSENGER CORP.
PEAVEY CO.
NORTHWEST BANCORPORATION
CORRIGAN, FREDERIC H.
BANKERS TRUST NEW YORK CORP
LENON, RICHARD A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.

UOP, INC.
COMMONWEALTH EDISON

RENEKER, ROBERT W.
ESMARCK, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL ILLINOIS CORPORATION

	MCCORMICK, BROOKS
	EASTMAN KODAK COMPANY
	WALLIS, W. ALLEN
	FIRST CHICAGO CORPORATION
	MCCORMICK, BROOKS
	INTERNATIONAL HARVESTER COMPANY
	MCCORMICK, BROOKS
	MELLON NATIONAL CORPORATION
	CASEY, SAMUEL B., JR.
	METROPOLITAN LIFE INSURANCE COMPANY
	WALLIS, W. ALLEN
	TRANS WORLD AIRLINES, INC.
	CROWN, LESTER
GENERAL DYNAMICS CORP.	AMERICAN BROADCASTING COMPANIES
	COOK, DONALD C.
	BANKAMERICA CORPORATION
	LEWIS, DAVID SLOAN, JR.
	TRANS WORLD AIRLINES, INC.
	CROWN, LESTER
TRANS UNION CORP.	EASTMAN KODAK COMPANY
	WALLIS, W. ALLEN
	METROPOLITAN LIFE INSURANCE COMPANY
	WALLIS, W. ALLEN
TRIBUNE COMPANY	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
RIZZO, PAUL J.	
DISCOUNT CORP. OF NEW YORK	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	MORGAN, J. P., AND CO., INC.
	COLLIADO, EMILLIO G.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	PENNEY, J. C., CO., INC.
	AXELSON, KENNETH S.
INTERNATIONAL BUSINESS MACHINES CORP.	
	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	BANKERS TRUST NEW YORK CORP
	MOORE, WILLIAM H.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CHASE MANHATTAN CORP.
	HARRIS, PATRICIA R.
	CHEMICAL NEW YORK CORPORATION
	FUNSTON, G. KEITH
	LEARSON, T. VINCENT
	CITICORP
	HOUGHTON, AMORY, JR.
	SHAPIRO, IRVING S.
	CONTINENTAL OIL COMPANY
	JONES, GILBERT E.
	DUPONT, E. I., DE NEMOURS AND CO.
	JONES, GILBERT E.
	SHAPIRO, IRVING S.
	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
	MOBIL CORPORATION
	WILLIAMS, ALBERT L.
	MORGAN, J. P., AND CO., INC.
	CARY, FRANK T.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	WATSON, THOMAS J., JR.
	SOUTHEPN PACIFIC COMPANY
	BETCHEL, STEPHEN D., JR.
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
TENENBAUM, MICHAEL	
INLAND STEEL CO.	
	BURLINGTON NORTHERN, INC.
	SMITH, JOHN F., JR.
	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	FIRST CHICAGO CORPORATION
	ABBOUD, ROBERT A.
	JAICKS, FREDERICK G.
	GENERAL ELECTRIC COMPANY
	HOFDE, FREDERICK L.
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
INRYCO, INC.	
JACKSON COUNTY IRON CO.	
RYERSON, JOSEPH T., AND SON	
WOOD, ARTHUR M.	
ALLSTATE INSURANCE CO.	
	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	COMMONWEALTH EDISON
	SWIFT, A. DEAN
	CROCKER NATIONAL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL ILLINOIS CORPORATION

	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION
	SWIFT, A. DEAN
	SEARS, ROEBUCK AND CO.
	BOE, ARCHIE R.
	BUTTON, JAMES W.
	JONES, RICHARD M.
	KINCANNON, JACK F.
	LOCHMOELLER, WILLIAM C.
	LOWE, JOHN G.
	METCALF, GORDON M.
	MEYER, CHARLES A.
	PRADO, A. M.
	SWIFT, A. DEAN
	TELLING, EDWARD R.
HOMART DEVELOPMENT CO.	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	COMMONWEALTH EDISON
	SWIFT, A. DEAN
	FIRST CHICAGO CORPORATION
	SWIFT, A. DEAN
	SEARS, ROEBUCK AND CO.
	BUTTON, JAMES W.
	KINCANNON, JACK F.
	METCALF, GORDON M.
	MEYER, CHARLES A.
	SWIFT, A. DEAN
	TELLING, EDWARD R.
QUAKER OATS CO.	FIRST CHICAGO CORPORATION
	STUART, ROBERT D., JR.
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	MICHELSON, GERTRUDE G.
	SCRIBNER, GILBERT H., JR.
	UAL, INC.
	STUART, ROBERT D., JR.
SEARS, ROEBUCK AND CO.	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	CHASE MANHATTAN CORP.
	PACE, NORMA T.
	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	CITICORP
	SPENCER, WILLIAM I.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MORGAN, J. P., AND CO., INC.
	SHULTZ, GEORGE P.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
SIMPSON-SEARS LTD.	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	SEARS, ROEBUCK AND CO.
	BUTTON, JAMES W.
WRIGHT, JOSEPH S.	AMERICAN BROADCASTING COMPANIES
BETHLEHEM STEEL CORPORATION	JENKINS, GEORGE P.
	CITICORP
	JENKINS, GEORGE P.
	DUPONT, E. I., DE NEMOURS AND CO.
	MCCOY, CHARLES B.
	GENERAL MOTORS CORP.
	PATTERSON, ELLMORE C.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	MORGAN, J. P., AND CO., INC.
	POY, LEWIS W.
	PATTERSON, ELLMORE C.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
COMMONWEALTH EDISON	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	MCCORMICK, BROOKS
	PRINCE, WILLIAM WOOD
	SWIFT, A. DEAN
	INTERNATIONAL HARVESTER COMPANY
	MCCORMICK, BROOKS
	METROPOLITAN LIFE INSURANCE COMPANY
	JOHNSON, G. E.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA	CHASE MANHATTAN CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL ILLINOIS CORPORATION

	SWEARINGEN, JOHN E.
	CHEMICAL NEW YORK CORPORATION
	WOOD, RICHARD D.
	FIRST CHICAGO CORPORATION
	ABBOUD, ROBERT A.
SUNBEAM CORP.	FIRST CHICAGO CORPORATION
	GREY, JOHN D.
	GWINN, ROBERT P.
ZENITH RADIO CORP.	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	FIRST CHICAGO CORPORATION
	AYERS, THOMAS G.
	NEVIN, JOHN J.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.

YARRINGTON, BLAINE J.

STANDARD OIL COMPANY OF INDIANA

	BETHLEHEM STEEL CORPORATION
	WRIGHT, JOSEPH S.
	CHASE MANHATTAN CORP.
	SWEARINGEN, JOHN E.
	CHEMICAL NEW YORK CORPORATION
	WOOD, RICHARD D.
	COMMONWEALTH EDISON
	WRIGHT, JOSEPH S.
	FIRST CHICAGO CORPORATION
	ABBOUD, ROBERT A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
CUTLER-HAMMER, INC.

CITICORP
SMITH, DARWIN E.
INTERNATIONAL HAFVESTER COMPANY
HANSEN, ARTHUR GENE
NORTHWESTERN MUTUAL LIFE INSURANCE CO
FERGUSON, FRANCIS E.
WRIGHT, J. O.
SOUTHERN COMPANY
PATILLO, HOOPER GORDON
BANKAMERICA CORPORATION
LUNDBORG, LOUIS B.
CONSOLIDATED FREIGHTWAYS, INC.
CHAMBERS, ROBERT L.
CITICORP
COSTANZO, G. A.
OELMAN, ROBERT S.
FORD MOTOR CO.
OELMAN, ROBERT S.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
OWENS-CORNING FIBERGLASS CORP. AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MISSOURI PACIFIC CORPORATION
KEMPER, JAMES M., JR.
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
TEXACO, INC.
ROOSA, ROBERT V.
UAL, INC.
NORSTAD, LAURIS
BAILEY, RALPH E.
CONSOLIDATION COAL CO.
HUDSONS BAY OIL & GAS CO., LTDBANKERS TRUST NEW YORK CORP
BLAUVELT, HOWARD W.
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.
BLAUVELT, HOWARD W.
BANKERS TRUST NEW YORK CORP
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ELLINGHAUS, WILLIAM M.
CONSUMERS POWER COMPANY
HANNON, JOHN W., JR.
FORD MOTOR CO.
CULLMAN, JOSEPH F., III
INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.
MOBIL CORPORATION
LAPHAM, LEWIS A.
TAVOULAREAS, WILLIAM P.
PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.
JORDAN, VERNON E., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.
GENERAL TELEPHONE AND ELECTRONICS CORP.
CHAPTER NEW YORK CORP.
BROPHY, THEODORE F.
KNOWLES, JOHN H., M.D.
MURPHY, GEORGE A.
HUDSONS BAY OIL & GAS CO., LTD
BUEK, C. W.
EQUITABLE LIFE ASSURANCE
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
FLEISCHMANN, MANLY
BURLINGTON NORTHERN, INC.
HENDRICKSON, ROBERT M.
CHASE MANHATTAN CORP.
EKLUND, C. G.
CITICORP
SHELDON, ELEANOR H. B.
CONSOLIDATED EDISON CO OF NEW YORK
MUMFORD, MILTON C.
EXXON CORPORATION
JAMIESON, J. K.
FORD MOTOR CO.
WHARTON, CLIFTON R.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
MELLON NATIONAL CORPORATION
FISHER, A. W.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL OIL COMPANY

UNITED STATES TRUST COMPANY

WOOLWORTH, F. W., CO.
JAMES, GEORGE F.
AMERICAN EXPRESS COMPANY
AMMIDON, HOYT
CLARK, HOWARD L.
ETHERINGTON, EDWIN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
CHRYSLER CORPORATION
KILLEFER, TOM
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
MOBIL CORPORATION
CLARK, HOWARD L.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH

BURNAP, WILLARD H.
HARDESTY, CHARLES HOWARD, JR.
NCR COPP.

CITICORP
COSTANZO, G. A.
OELMAN, ROBERT S.
FORD MOTOR CO.
OELMAN, ROBERT S.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.

HEWITT, WILLIAM A.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.

CONTINENTAL ILLINOIS CORPORATION

BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
COMMONWEALTH EDISON
COREY, GORDON R.
WRIGHT, JOSEPH S.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL OIL COMPANY

INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
POTTER, KEITH R.
SEARS, ROEBUCK AND CO.
WOOD, ARTHUR M.
STANDARD OIL COMPANY OF INDIANA
MALOTT, ROBERT H.
WRIGHT, JOSEPH S.
YARRINGTON, BLAINE J.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.
DEERE & CO.
CHRYSLER CORPORATION
FLEMING, ROBBEN W.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GRAHAM, WILLIAM B.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
UAL, INC.
CARLSON, EDWARD E.
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
AMERICAN STORES COMPANY
HECKERT, RICHARD E.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
CITICORP
SHAPIRO, IRVING S.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
INTERNATIONAL BUSINESS MACHINES CORP.
SHAPIRO, IRVING S.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
UAL, INC.
BRIMMER, ANDREW F.
GENERAL REINSURANCE CORP.
MARINE MIDLAND BANKS, INC.
OWEN, NATHAN R.
IBM WORLD TRADE CORP.
INTERNATIONAL BUSINESS MACHINES CORP.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
CATEPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
UNITED STATES TRUST COMPANY
AMERICAN EXPRESS COMPANY
AMMIDON, HOYT
CLARK, HOWARD L.
ETHERINGTON, EDWIN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
CHRYSLER CORPORATION
KILLEFER, TOM
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
EQUITABLE LIFE ASSURANCE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP CONTINENTAL OIL COMPANY

FIRCHNER, JOHN E.
 MCCARDELL, ARCHIE R.
 AMERICAN EXPRESS COMPANY

BUER, C. W.
 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 HAMILTON, FREDERIC C.
 MOBIL CORPORATION
 CLARK, HOWARD L.
 PENNEY, J. C., CO., INC.
 MACBAIN, GAVIN KEITH

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 WARNER, RAWLEIGH, JR.
 CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 WARNER, RAWLEIGH, JR.
 CHASE MANHATTAN CORP.
 FURLAUD, RICHARD M.
 CHEMICAL NEW YORK CORPORATION
 WALLACE, MAPTHA REDFIELD
 WARNER, RAWLEIGH, JR.
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ETHERINGTON, EDWIN D.
 GENERAL ELECTRIC COMPANY
 HENLEY, HENRY H., JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 MANUFACTURERS HANOVER CORPORATION
 HENLEY, HENRY H., JR.
 MOBIL CORPORATION
 CLARK, HOWARD L.
 WARNER, RAWLEIGH, JR.
 TEXACO, INC.
 ROOSA, ROBERT V.
 UNION PACIFIC CORPORATION
 ROBINSON, JAMES D., III
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.

FUJI XEROX CO., LTD.
 GENERAL FOODS CORP.

AMERICAN EXPRESS COMPANY
 BOHM, MAGNUS R.
 CLARK, HOWARD L.
 MARTIN, WILLIAM MCCHESENEY, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEPOME HEARTWELL
 BANKERS TRUST NEW YORK CORP
 TAVOULAREAS, WILLIAM P.
 CATERPILLAR TFACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 CHASE MANHATTAN CORP.
 FERGUSON, JAMES L.
 CHEMICAL NEW YORK CORPORATION
 NEWMAN, JAMES WILSON
 CHRYSLER CORPORATION
 HOLLAND, JEPOME HEARTWELL
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ROBERTS, HENRY F.
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEPOME HEARTWELL
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEPOME HEARTWELL
 PETERSON, PETER G.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 MANUFACTURERS HANOVER CORPORATION
 HOLLAND, JEPOME HEARTWELL
 MOBIL CORPORATION
 CLARK, HOWARD L.
 TAVOULAREAS, WILLIAM P.
 SHELL OIL COMPANY
 COOK, C. W.
 UNION CARBIDE CORPORATION
 FERGUSON, JAMES L.
 HOLLAND, JEPOME HEARTWELL
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.
 CITICORP
 MCCOLOUGH, C. PETER
 AMERICAN EXPRESS COMPANY
 CLARK, HOWARD L.
 BANKERS TRUST NEW YORK CORP
 JORDAN, VERNON E., JR.
 CITICORP
 MCCOLOUGH, C. PETER
 MOBIL CORPORATION
 CLARK, HOWARD L.
 PENNEY, J. C., CO., INC.
 JORDAN, VERNON E., JR.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 BECK, R. A.

RANK XEROX, LTD.

XEROX CORP.

NORSTAD, LAURIS
 ABITIBI PAPER CO., LTD.

OWENS-CORNING FIBERGLASS CORP.
 AMERICAN ELECTRIC POWER COMPANY, INC.
 BOESCHENSTEIN, WILLIAM W.
 AMERICAN EXPRESS COMPANY

METROPOLITAN LIFE INSURANCE COMPANY
 ROBERTS, JOHN PARMENTER
 BOESCHENSTEIN, WILLIAM W.
 AMERICAN EXPRESS COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CONTINENTAL OIL COMPANY

	ROOSA, ROBERT V.
	GENERAL MOTORS CORP.
	MORGENS, HOWARD J.
	KROGER COMPANY, THE
	BOESCHENSTEIN, WILLIAM W.
	MISSOURI PACIFIC CORPORATION
	KEMPER, JAMES M., JR.
	MORGAN, J. P., AND CO., INC.
	MORGENS, HOWARD J.
	PROCTER AND GAMBLE COMPANY
	MORGENS, HOWARD J.
	TEXACO, INC.
UAL, INC.	ROOSA, ROBERT V.
	BANKAMERICA CORPORATION
	BRIMMER, ANDREW F.
	CONSOLIDATED EDISON CO OF NEW YORK
	LUCE, CHARLES F.
	DUPONT, E. I., DE NEMOURS AND CO.
	BRIMMER, ANDREW F.
	FIRST CHICAGO CORPORATION
	CARLSON, EDWARD E.
	STUART, ROBERT D., JR.
	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	METROPOLITAN LIFE INSURANCE COMPANY
	LUCE, CHARLES F.
	PACIFIC GAS AND ELECTRIC COMPANY
	COOLEY, RICHARD P.
	WELLS FARGO AND COMPANY
	COOLEY, RICHARD P.
PACE, FRANK, JR.	
COLGATE PALMOLIVE CO.	CROCKER NATIONAL CORPORATION
	WILCOX, THOMAS F.
	EQUITABLE LIFE ASSURANCE
	SMITH, J. HENRY
DIVIDEND SHARES, INC.	INTERNATIONAL BUSINESS MACHINES CORP.
	KIRK, GRAYSON
INTERNATIONAL EXECUTIVE SERVICE CORPS.	
TIME, INC.	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY
	FREEMAN, GAYLORD
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	FIRST CHICAGO CORPORATION
	FREEMAN, GAYLORD
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
	WATSON, THOMAS J., JR.
ROBISON, JAMES E.	
LANSDALE ENTERPRISES, INC.	
TARKINGTON, ANDREW W.	
HUDSONS BAY OIL & GAS CO., LTDBANKERS TRUST NEW YORK CORP	
	BLAUVELT, HOWARD W.
	GENERAL TELEPHONE AND ELECTRONICS CORP.
	BLAUVELT, HOWARD W.
TRI-CONTINENTAL CORP.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CROCKER NATIONAL CORPORATION

BEKINS, MILO W., JR.
BEKINS CO., THE

PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SEARS, ROEBUCK AND CO.
LOWE, JOHN G.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY

DAMM, ALEXANDER
CONTINENTAL AIR LINES INC.
ELMORE, JOHN J.
LTV CORP.
FENLON, ROBERTA, M.D.
HAAS, PETER E.
STRAUSS, LEVI & CO.

BANKERS TRUST NEW YORK CORP
CULLMAN, JOSEPH F., III
FORD MOTOR CO.
CULLMAN, JOSEPH F., III
MILLER, ARJAY
WELLS FARGO AND COMPANY
MILLER, ARJAY

HILLER, STANLEY, JR.
BAKER INTERNATIONAL CORP.

TRANSAMERICA CORPORATION
CLARK, EARL

ELTRA CORP.
HULL, JEROME W.
DIGIORGIO CORP.

BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.

CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.

CHRYSLER CORPORATION
HAUGE, GABRIEL

CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.

MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.

MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.

PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK

SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.

UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.

WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

PACIFIC TELEPHONE & TELEGRAPH CO.

ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.

PACIFIC GAS AND ELECTRIC COMPANY
HASS, WALTER A.
SOLOMON, EMMETT G.

SECURITY PACIFIC CORP.
DUCOMMON, CHARLES F.

SOUTHERN CALIFORNIA EDISON COMPANY
HALE, STANTON G.

UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

PSA INC.
JOHNSON, ROBERT GIBSON
KOMES, JEROME W.
BECHTEL CORP. AND GROUP

MORGAN, J. P., AND CO., INC.
SHULTZ, GEORGE P.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.

LANDIS, RICHARD G.
CANADIAN CONNERS, LTD.
DEL MONTE CORP.

CITICORP
PALMER, EDWARD LEWIS
PACIFIC GAS AND ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CROCKER NATIONAL CORPORATION

POTLATCH CORPORATION

LIMUR, CHARLES DE
LOWE, JOHN G.
ALLSTATE INSURANCE CO.

BEKINS CO., THE

SEARS, ROEBUCK AND CO.

MOORE, JOSEPH A., JR.
FIREBOARD CORP
MOORE DRY DOCK CO.
MORTON, WILLIAM H.
BOISE CASCADE CORP.

SINGER CO.

SHETTERLY, ROBERT B.
CLOROX COMPANY

SMITH, WILLIAM FRENCH
JORGENSEN, EARLE M. CO.
PACIFIC TELEPHONE & TELEGRAPH CO.

BONNER, JOHN F.
EAMES, ALFRED W.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS
PACIFIC GAS AND ELECTRIC COMPANY
BONNER, JOHN F.

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN
SEARS, ROEBUCK AND CO.

BOE, ARCHIE R.
BUTTON, JAMES W.
JONES, RICHARD M.
KINCANNON, JACK F.
LOCHMOELLER, WILLIAM C.
METCALF, GORDON M.
MEYER, CHARLES A.
PRADO, A. M.
SWIFT, A. DEAN
TELLING, EDWARD R.
WOOD, ARTHUR M.
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
CHASE MANHATTAN CORP.
PACE, NORMA T.
CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
CITICORP

SPENCER, WILLIAM I.
COMMONWEALTH EDISON
AYERS, THOMAS G.
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
FIRST CHICAGO CORPORATION
AYERS, THOMAS G.
SWIFT, A. DEAN
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MORGAN, J. P., AND CO., INC.
SHULTZ, GEORGE P.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.

AMERICAN EXPRESS COMPANY
RAMINSKY, LOUIS
NORTHWEST BANCORPORATION
PILLSBURY, JOHN S., JR.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
METROPOLITAN LIFE INSURANCE COMPANY
FITZHUGH, GILBERT W.
KIRCHER, D. F.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
FLAVIN, J. B.

METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.

ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
NEW YORK LIFE INSURANCE COMPANY
HULL, JEROME W.
PACIFIC GAS AND ELECTRIC COMPANY
HASS, WALTER A.
SOLOMON, EMMETT G.
SECURITY PACIFIC CORP.
DUCOMMUN, CHARLES F.
SOUTHERN CALIFORNIA EDISON COMPANY
HALE, STANTON G.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.

ALMADEN VINEYARDS INC.

CONTINENTAL CORPORATION, THE
BELL, DRUMMOND C.
WELLS FARGO AND COMPANY
PHLEGER, ATHERTON M.

CLOROX COMPANY
FIBREBOARD CORPORATION

METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

ATLANTIC RICHFIELD COMPANY

PLACE, JOHN B. M.

BETHLEHEM STEEL CORPORATION

JENKINS, GEORGE P.

CHARTER NEW YORK CORP.

SMILEY, DONALD B.

CHASE MANHATTAN CORP.

SHINN, RICHARD R.

CHEMICAL NEW YORK CORPORATION

FUNSTON, G. KEITH

PLACE, JOHN B. M.

CITICORP

JENKINS, GEORGE P.

COMMONWEALTH EDISON

JOHNSON, G. E.

CONSOLIDATED EDISON CO OF NEW YORK

LUCE, CHARLES F.

EASTMAN KODAK COMPANY

WALLIS, W. ALLEN

EXXON CORPORATION

PETERSON, MARTHA E.

FIRST CHICAGO CORPORATION

SIVAGE, GERALD A.

GENERAL MOTORS CORP.

MCLAUGHLIN, W. EARLE

SIVAGE, GERALD A.

GOODYEAR TIRE AND RUBBER COMPANY

HARPER, JOHN DICKESON

INTERNATIONAL BUSINESS MACHINES CORP.

FUNSTON, G. KEITH

MELLON NATIONAL CORPORATION

HARPER, JOHN DICKESON

MORGAN, J. P., AND CO., INC.

HOUGHTON, J. R.

NORTHWEST AIRLINES, INC.

LAIRD, M. R.

PHILLIPS PETROLEUM COMPANY

LAIRD, M. R.

PROCTER AND GAMBLE COMPANY

HARPER, JOHN DICKESON

RCA CORP.

SMILEY, DONALD B.

UAL, INC.

LUCE, CHARLES F.

UNION CARBIDE CORPORATION

MASON, BIRNEY, JR.

SNEATH, WILLIAM S.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

PACIFIC GAS AND ELECTRIC COMPANY

BANKAMERICA CORPORATION

WENTE, KARL L.

SAFEWAY STORES, INC.

DE BRETTEVILLE, CHARLES

SHELL OIL COMPANY

DE BRETTEVILLE, CHARLES

SOUTHERN PACIFIC COMPANY

MILLER, RICHARD K.

UAL, INC.

COOLEY, RICHARD P.

WELLS FARGO AND COMPANY

COOLEY, RICHARD P.

PACIFIC TELEPHONE & TELEGRAPH CO.

ATLANTIC RICHFIELD COMPANY

HAWLEY, PHILLIP M.

BANKAMERICA CORPORATION

DI GIORGIO, ROBERT

NEW YORK LIFE INSURANCE COMPANY

HULL, JEROME W.

PACIFIC GAS AND ELECTRIC COMPANY

HASS, WALTER A.

SECURITY PACIFIC CORP.

DUCOMMUN, CHARLES F.

SOUTHERN CALIFORNIA EDISON COMPANY

HALE, STANTON G.

UNION OIL COMPANY OF CALIFORNIA

DI GIORGIO, ROBERT

VAUGHN, JOHN V.

COOPERS AND LYBRAND

FOREST LAWN CO.

PACIFIC LIGHTING CORP.

SANTA FE INDUSTRIES, INC.

HALE, PRENTIS C.

UNION OIL COMPANY OF CALIFORNIA

HALE, PRENTIS C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR CROCKER NATIONAL CORPORATION

WILCOX, THOMAS R.	WELLS FARGO AND COMPANY
COLGATE PALMOLIVE CO.	MILLER, PAUL A.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	EQUITABLE LIFE ASSURANCE
	SMITH, J. HENRY
HILTON HOTELS CORP.	MANUFACTURERS HANOVER CORPORATION
	HILTON, BARRON
MUTUAL LIFE INSURANCE CO. OF NEW YORK	
	BANKERS TRUST NEW YORK CORP
	BICKMORE, LEE S.
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	CITICORP
	PALMER, EDWARD LEWIS
	TEXACO, INC.
	MCCALL, HOWARD W., JR.
	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
	UNION PACIFIC CORPORATION
	PALMER, EDWARD LEWIS
	WELLS FARGO AND COMPANY
	MILLER, PAUL A.
	WESTERN ELECTRIC CO., INC.
	BICKMORE, LEE S.
UNITED MERCHANTS & MANUFACTURERS INC.	
	AMERICAN BROADCASTING COMPANIES
	SCHWAB, MARTIN J.
WILMOUTH, ROBERT K.	
VICTORIA STATION INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DELTA AIR LINES CORPORATION

ALLEN, ROBERT W.

TELEX CORP.

BEEBE, W. T.

BIEDENHARN, B. W.

BIEDENHARN REALTY CO., INC.

OUACHITA CANDY CO.

OUACHITA COCA-COLA BOTTLING CO.

COURTS, R. W.

ATLANTIC REALTY CO.

DOLSON, CHARLES H.

TRUST COMPANY OF GEORGIA

AMERICAN EXPRESS COMPANY

ROBINSON, JAMES D., III

GENERAL ELECTRIC COMPANY

AUSTIN, J. PAUL

MORGAN, J. P., AND CO., INC.

AUSTIN, J. PAUL

TRAVELERS INSURANCE COMPANY

GARRETT, DAVID C., JR.

UNION PACIFIC CORPORATION

ROBINSON, JAMES D., III

FREEMAN, RICHARD W.

HIBERNIA CORP.

LOUISIANA COCA-COLA CO.

MIDDLE SOUTH UTILITIES, INC.

FLORIDA POWER AND LIGHT COMPANY

BENNETT, GEORGE F.

FORD MOTOR CO.

BENNETT, GEORGE F.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

BENNETT, GEORGE F.

GARRETT, DAVID C., JR.

TRAVELERS INSURANCE COMPANY

TRUST COMPANY OF GEORGIA

AMERICAN EXPRESS COMPANY

ROBINSON, JAMES D., III

GENERAL ELECTRIC COMPANY

AUSTIN, J. PAUL

MORGAN, J. P., AND CO., INC.

AUSTIN, J. PAUL

UNION PACIFIC CORPORATION

ROBINSON, JAMES D., III

GERRY, EDWARD H.

HILL, JESSE, JR.

RICH'S, INC.

EQUITABLE LIFE ASSURANCE

ALLEN, IVAN, JR.

GENERAL ELECTRIC COMPANY

AUSTIN, J. PAUL

METROPOLITAN LIFE INSURANCE COMPANY

RAST, L. EDMUND

MORGAN, J. P., AND CO., INC.

AUSTIN, J. PAUL

LONGMIRE, JOHN R.

MAURER, R. S.

MICHAELS, WILLARD A.

STORER BROADCASTING CO.

MILLER, T. M.

CHARTER MEDICAL CORP

GOLDEN STATE HEALTH CENTERS, INC

OPPENLANDER, ROBERT

PATTON, STUART W.

STORER BROADCASTING CO.

PUTNAM, CARLTON

SNELLINGS, GEORGE M., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DETROIT EDISON COMPANY
BACHER, ROBERT F.
TRW, INC.

FISCHER, CHARLES T., III
AMERICAN AIR LINES, INC.

GENERAL MOTORS CORP.

HIRAM-WALKER-GOODERHAM & WARTS, LTD.

NATIONAL BANK OF DETROIT

NATIONAL DETROIT CORPORATION

GERSTENBERG, RICHARD C.

BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
DUPONT, E. I., DE NEMOURS AND CO.
MCCOY, CHARLES B.
EASTMAN KODAK COMPANY
ZORNOW, GERALD B.
GOODYEAR TIRE AND RUBBER COMPANY
METTLER, RUBEN F.
MARINE MIDLAND BANKS, INC.
ZORNOW, GERALD B.
PROCTER AND GAMBLE COMPANY
SHEPARD, HORACE A.
SEARS, ROEBUCK AND CO.
METCALF, GORDON M.

EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
FLEISCHMANN, MANLY
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MARINE MIDLAND BANKS, INC.
SADLER, MARION
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.

CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
CONTINENTAL CORPORATION, THE
LAMBERT, ALLEN T.
UNITED STATES STEEL CORPORATION
SCRIVENER, ROBERT CARLTON
CHRYSLER CORPORATION
SEMPLER, ROBERT B.
NATIONAL DETROIT CORPORATION
SEMPLER, ROBERT B.
SURDAM, ROBERT M.
CHRYSLER CORPORATION
GRIFFITHS, MARTHA W.
SEMPLER, ROBERT B.
CONSUMERS POWER COMPANY
AYMOND, A. H.
GRIFFITHS, MARTHA W.
MCKONE, DON T.
GENERAL MOTORS CORP.
GERSTENBERG, RICHARD C.
KRESGE, S. S., COMPANY
AYMOND, A. H.
BODMAN, HENRY T.
CUNNINGHAM, HARRY B.
GRIFFITHS, MARTHA W.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
AYMOND, A. H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF DETROIT EDISON COMPANY
GENERAL MOTORS CORP.

AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.

MARSH & MCLENNAN COMPANIES, INC.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
COMMONWEALTH EDISON
BARR, JOHN A.
MERFILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
PUTNAM MANAGEMENT COMPANY, INC. (THE)
NEWHOUSE, ROBERT JOYCE, JR.
REGAN, JOHN MACVEIGH, JR.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.

MILES LABORATORIES INC.
NATIONAL DETROIT CORPORATION

AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
CHRYSLER CORPORATION
GRIFFITHS, MARTHA W.
SEMPLER, ROBERT B.
CONSUMERS POWER COMPANY
AYMOND, A. H.
GRIFFITHS, MARTHA W.
MCKONE, DON T.
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
KRESGE, S. S., COMPANY
AYMOND, A. H.
BODMAN, HENRY T.
CUNNINGHAM, HARRY B.
GRIFFITHS, MARTHA W.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
AYMOND, A. H.

GIBLIN, EDWARD J.
DETROIT BANK CORP.

GIBLIN-EXCEL CORP.
TECUMSEH PRODUCTS CO.
GROVE, ERNEST L., JR.
HAMANN, JOHN R.

NATIONAL DETROIT CORPORATION

AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
CHRYSLER CORPORATION
GRIFFITHS, MARTHA W.
SEMPLER, ROBERT B.
CONSUMERS POWER COMPANY
AYMOND, A. H.
GRIFFITHS, MARTHA W.
MCKONE, DON T.
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
KRESGE, S. S., COMPANY
AYMOND, A. H.
BODMAN, HENRY T.
CUNNINGHAM, HARRY B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DETROIT EDISON COMPANY

HARPER, DAVID B.	GRIFFITHS, MARTHA W.
KRESGE, S. S., COMPANY	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	AYMOND, A. H.
	CHRYSLER CORPORATION
	GRIFFITHS, MARTHA W.
	CONSUMERS POWER COMPANY
	AYMOND, A. H.
	GRIFFITHS, MARTHA W.
	NATIONAL DETROIT CORPORATION
	AYMOND, A. H.
	BODMAN, HENRY T.
	CUNNINGHAM, HARRY B.
	GRIFFITHS, MARTHA W.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	AYMOND, A. H.
STUDENT LOAN MARKETING ASSOC.	
HOLLEY, GEORGE M., JR.	FORD MOTOR CO.
MANUFACTURERS NATIONAL CORP.	FORD, WILLIAM C.
	TAYLOR, A. THOMAS
HUDSON, JOSEPH L., JR.	
DAYTON-HUDSON CORP.	BURLINGTON NORTHERN, INC.
	DAYTON, DONALD C.
	NASON, PHILIP H.
	FIRST BANK SYSTEM, INC.
	NASON, PHILIP H.
	GENERAL MOTORS CORP.
	KEHPL, HOWARD H.
	NORTHWEST BANCORPORATION
	SPOOR, WILLIAM H.
HUDSON, J. L., COMPANY	
NATIONAL DETROIT CORPORATION	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	CHRYSLER CORPORATION
	GRIFFITHS, MARTHA W.
	SEMPLER, ROBERT B.
	CONSUMERS POWER COMPANY
	AYMOND, A. H.
	GRIFFITHS, MARTHA W.
	MCRONE, DON T.
	GENERAL MOTORS CORP.
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	KRESGE, S. S., COMPANY
	AYMOND, A. H.
	BODMAN, HENRY T.
	CUNNINGHAM, HARRY B.
	GRIFFITHS, MARTHA W.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	AYMOND, A. H.
MEESE, WILLIAM G.	
EATON CORP.	BANKERS TRUST NEW YORK CORP
	MARTING, WALTER A.
	KRESGE, S. S., COMPANY
	GERSTOCKER, CARL A.
	MELLON NATIONAL CORPORATION
	EVANS, RAYMOND F.
MERRIMAN, FRANK	
NICHOLS, KENNETH D.	STANDARD OIL COMPANY OF INDIANA
FRUEHAUF CORP.	BUGAS, JOHN S.
PERRING, RAYMOND T.	
DETROIT BANK CORP.	CHRYSLER CORPORATION
	CAFIERO, E. A.
SCHWARTZ, ALAN EARL	
BURROUGHS CORP.	CHRYSLER CORPORATION
	MACDONALD, RAY W.
	EQUITABLE LIFE ASSURANCE
	WHARTON, CLIFTON R.
	FORD MOTOR CO.
	WHARTON, CLIFTON R.
	KRESGE, S. S., COMPANY
	CUNNINGHAM, HARRY B.
	NATIONAL DETROIT CORPORATION
	CUNNINGHAM, HARRY B.
	SURDAM, ROBERT M.
CUNNINGHAM DRUG STOPES, INC.	NATIONAL DETROIT CORPORATION
	SHAPERO, NATE S.
DETROIT BANK CORP.	CHRYSLER CORPORATION
	CAFIERO, E. A.
HANDLEMAN CO.	
HOWELL INDUSTRIES INC.	FORD MOTOR CO.
PULTE HOME CORP.	FORD, WILLIAM C.
SOS CONSOLIDATED INC.	TAYLOR, A. THOMAS
SHONTZ, PATRICIA JANE	CHARTER NEW YORK CORP.
JACOBSON STORES INC.	GIBLIN, E. BURKE
MANUFACTURERS NATIONAL CORP.	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
WARNER-LAMBERT CO.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DETROIT EDISON COMPANY

GENERAL MOTORS CORP.

CONNOR, JOHN T.

KRESGE, S. S., COMPANY

CUNNINGHAM, HARRY B.

NATIONAL DETROIT CORPORATION

CUNNINGHAM, HARRY B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DREYFUS CORPORATION
BERMAN, MANDELL LESLIE
GUARDIAN INDUSTRIES CORP.
GREENE, LAWRENCE MARTIN
HARDY, JEROME SPILMAN
INTEXT, INC.
KOENIG, JULIUS NORMAN
MCCARTHY, ABIGAIL ELEANOR
MCCLOY, JOHN JAY
OLINKRAFT, INC.
STEIN, HOWARD
TRUMAN, DAVID BICKNELL
WILCOX, FRANCIS ORLANDO

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
POP DUKE POWER CO

ALBANES, NAOMI G.

ARMSTRONG CORK CO.

AMERICAN STORES COMPANY

DWYER, EDWARD J.

MANUFACTURERS HANOVER CORPORATION

LYET, J. PAUL

BLUE BELL, INC.

BOOTH, DOUGLASS W.

EDWARDS, ROBERT C.

DAN RIVER, INC.

RADIOPHONE CORP.

FRALEY, JOHN L.

FIRST UNION NATIONAL BANK

NORTH CAROLINA MOTOR CARRIERS CORP.

GRIGG, WILLIAM H.

HENSON, PAUL HARRY

ARMCO STEEL CORP.

CHASE MANHATTAN CORP.

VERITY, CALVIN WILLIAM, JR.

GOODYEAR TIRE AND RUBBER COMPANY

GEIR, PHILLIP O., JR.

NEW YORK LIFE INSURANCE COMPANY

DONNELL, J. C., II

PROCTER AND GAMBLE COMPANY

GEIR, PHILLIP O., JR.

CAROLINA TELEPHONE & TELEGRAPH CO.

FEDERAL RESERVE BANK OF KANSAS CITY

HYGAIN ELECTRONICS CORP.

KANSAS CITY SOUTHERN INDUSTRIES

UNITED TELECOMMUNICATIONS INC.

HICKS, JOHN D.

BUSINESS DEVELOPMENT CORP OF N. C.

NUCLEAR MUTUAL LIMITED

HOLDERNESS, HOWARD DAIL

CAROLINA TELEPHONE & TELEGRAPH CO.

JEFFERSON STANDARD BROADCASTING CO.

JEFFERSON STANDARD LIFE INSURANCE CO.

JEFFERSON-PILOT CORP.

CHASE MANHATTAN CORP.

MYERS, CHARLES F., JR.

UNITED STATES STEEL CORPORATION

MYERS, CHARLES F., JR.

UNITED TELECOMMUNICATIONS INC.

HORN, CARL, JR.

INTEGON CORP.

LAY, HERMAN W.

BRANIFF INTERNATIONAL CORPORATION

FIRST INTERNATIONAL BANKSHARES INC.

BRANIFF INTERNATIONAL CORPORATION

LAWRENCE, HARDING L.

STEWART, ROBERT H., III

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

LINDHOLM, WILLIAM L.

ATLANTIC RICHFIELD COMPANY

KENDALL, DONALD M.

BRANIFF INTERNATIONAL CORPORATION

STEWART, ROBERT H., III

CHEMICAL NEW YORK CORPORATION

LEAPSON, T. VINCENT

CITICORP

GARVIN, CLIFTON C., JR.

EXXON CORPORATION

GARVIN, CLIFTON C., JR.

GENERAL MOTORS CORP.

ROCHE, JAMES M.

INTERNATIONAL BUSINESS MACHINES CORP.

COLEMAN, WILLIAM T., JR.

LEAPSON, T. VINCENT

MANUFACTURERS HANOVER CORPORATION

LINDHOLM, WILLIAM L.

PAN AMERICAN WORLD AIRWAYS, INC.

COLEMAN, WILLIAM T., JR.

KENDALL, DONALD M.

SOUTHERN LIFE CORP.

THIRD NATIONAL BANK IN NASHVILLE

SEABOARD COAST LINE INDUSTRIES, INC.

FLEMING, SAM M.

LEE, WILLIAM S.

JONES, J. A., CONSTRUCTION COMPANY

MICKEL, BUCK

CITIZENS & SOUTHERN CORP

COX CABLE COMMUNICATIONS, INC

DANIEL INTERNATIONAL CO.

GRANITEVILLE COMPANY

CHEMICAL NEW YORK CORPORATION

RICE, WILLIAM THOMAS

SEABOARD COAST LINE INDUSTRIES, INC.

RICE, WILLIAM THOMAS

CITICORP

HANLEY, JAMES W.

PALMER, EDWARD LEWIS

SEABOARD COAST LINE INDUSTRIES, INC.

ECK, JOHN R.

SOUTHERN PACIFIC COMPANY

HANLEY, JAMES W.

TRANS WORLD AIRLINES, INC.

SOMMER, CHARLES H., JR.

UNION PACIFIC CORPORATION

MONSANTO CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DUKE POWER CO

PALMER, EDWARD LEWIS
SEABOARD COAST LINE INDUSTRIES, INC.
CHEMICAL NEW YORK CORPORATION
RICE, WILLIAM THOMAS
SOUTHERN COMPANY
HATCH, EDWIN I.
RADCLIFF, ROBERT H., JR.
VOGTLE, ALVIN W., JR.

OVERCASH, REECE A., JR.
ASSOCIATES FIRST CAPITAL CORP.
CONSUMER ADVISORY COUNCIL OF THE FRB
FIRST NATIONAL BANK IN DALLAS BRANIFF INTERNATIONAL CORPORATION
STEWART, ROBERT H., III

PARKER, B. B.
PICKENS, MARSHALL I.
REESE, ADDISON H.
ENGRAPH, INC.
NCNB CORP.
NORTH CAROLINA NATIONAL BANK
RUDDICK CORP.
SPEISMAN INDUSTRIES INC.

STEWART, JOHN S.
CARVEL CORP.
THIES, AUSTIN C.
WATKINS, WILLIAM L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DUPONT, E. I., DE NEMOURS AND CO.

BRIMMER, ANDREW F.

AMERICAN SECURITY CORP.

PROCTER AND GAMBLE COMPANY

MC GHEE, GEORGE C.

SOUTHERN RAILWAY COMPANY

CRANE, L. STANLEY

IRELAND, R. L.

TRANS WORLD AIRLINES, INC.

MC GHEE, GEORGE C.

BANK OF AMERICA NATIONAL TRUST & SAVINGS ASSN.

BANKAMERICA CORPORATION

CHRYSLER CORPORATION

HALABY, NAJEEB E.

OCCIDENTAL PETROLEUM CORPORATION

STEWART, SAMUEL BRADFORD

PACIFIC GAS AND ELECTRIC COMPANY

WENTE, KARL L.

PAN AMERICAN WORLD AIRWAYS, INC.

DILLINGHAM, LOWELL S.

SOUTHERN CALIFORNIA EDISON COMPANY

MCDANIEL, THOMAS M., JR.

STANDARD OIL COMPANY OF CALIFORNIA

GRAY, JOHN R.

UNION OIL COMPANY OF CALIFORNIA

DI GIORGIO, ROBERT

BRIMMER & CO., INC.

INTERNATIONAL HARVESTER COMPANY

FURLINGTON NORTHERN, INC.

MENK, LOUIS W.

COMMONWEALTH EDISON

MCCORMICK, BROOKS

CONTINENTAL ILLINOIS CORPORATION

ANDERSON, ROGER E.

POTTER, KEITH R.

EASTMAN KODAK COMPANY

ANDERSON, ROGER E.

FIRST BANK SYSTEM, INC.

MENK, LOUIS W.

FIRST CHICAGO CORPORATION

MCCORMICK, BROOKS

MENK, LOUIS W.

NORTHWEST BANCORPORATION

SPENCER, EDSON W.

SANTA FE INDUSTRIES, INC.

RATTALIATA, JOHN T.

WESTERN ELECTRIC CO., INC.

RATTALIATA, JOHN T.

NATIONAL BUREAU OF ECONOMICS RESEARCH

UAL, INC.

CONSOLIDATED EDISON CO OF NEW YORK

LUCE, CHARLES F.

CONTINENTAL OIL COMPANY

NORSTAD, LAUREIS

FIRST CHICAGO CORPORATION

CARLSON, EDWARD E.

STUART, ROBERT D., JR.

METROPOLITAN LIFE INSURANCE COMPANY

LUCE, CHARLES F.

PACIFIC GAS AND ELECTRIC COMPANY

COOLEY, RICHARD P.

WELLS FARGO AND COMPANY

COOLEY, RICHARD P.

BROWN, CHARLES L.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY

WARNER, RAWLEIGH, JR.

BANKERS TRUST NEW YORK CORP

ELLINGHAUS, WILLIAM M.

CATERPILLAR TRACTOR COMPANY

WARNER, RAWLEIGH, JR.

CHEMICAL NEW YORK CORPORATION

WARNER, RAWLEIGH, JR.

CHRYSLER CORPORATION

HOLLAND, JEPOME HEARTWELL

CITICORP

DEBUTTS, JOHN D.

CONTINENTAL CORPORATION, THE

HOLLAND, JEROME HEARTWELL

CONTINENTAL ILLINOIS CORPORATION

HEWITT, WILLIAM A.

CONTINENTAL OIL COMPANY

HEWITT, WILLIAM A.

EXXON CORPORATION

MACNAUGHTON, DONALD S.

FEDERATED DEPARTMENT STORES, INC.

HOLLAND, JEROME HEARTWELL

GENERAL MOTORS CORP.

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

HANIFY, EDWARD B.

MANUFACTURERS HANOVER CORPORATION

HOLLAND, JEROME HEARTWELL

LINDHOLM, WILLIAM L.

MOBIL CORPORATION

WARNER, RAWLEIGH, JR.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DUPONT, E. I., DE NEMOURS AND CO.

CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
CHEMICAL NEW YORK CORPORATION AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
FIRST CHICAGO CORPORATION
ABBOUD, ROBERT A.
GREY, JOHN D.
STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.
SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
EASTERN AIRLINES, INC.
SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
METROPOLITAN LIFE INSURANCE COMPANY
RAST, L. EDMUND
COPELAND, LAMMOT DU PONT
COPELAND, NOPMAN A.
REMINGTON ARMS CO., INC.
DALLAS, JOSEPH A.
DUPONT OF CANADA, LTD.
HARVEY HUBBELL, INC.
REMINGTON ARMS CO., INC.
DUPONT, IRENEE, JR.
DELMARVA POWER & LIGHT CO.
NEWS JOURNAL CO.
WILMINGTON TRUST CO.
EDMONDS, GEORGE P.
CHRISTIANA SECURITIES
CONTINENTAL AMERICAN LIFE INS. CO.
CITICORP
SHAPIRO, IRVING S.
INTERNATIONAL BUSINESS MACHINES CORP.
SHAPIRO, IRVING S.
CHRYSLER CORPORATION
DEGRANDPRE, A. JEAN
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF DUPONT, E. I., DE NEMOURS AND CO.

GEE, EDWIN A.
GREENEWALT, CRAWFORD H.
CHRISTIANA SECURITIES
HASKINS, CARYL P.
HASKINS LABORATORIES, INC.
HECKERT, RICHARD E.
AMERICAN STORES COMPANY
PHILADELPHIA ELECTRIC COMPANY
PARK, JOHN R.

JEFFERSON, EDWARD G.
JOHNSON, H. W.
CHAMPION INTERNATIONAL CORP.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
FIRST NATIONAL BOSTON CORP.
CHARPIE, ROBERT A.
GOODYEAR TIRE AND RUBBER COMPANY
GERSTENMAIER, JOHN H.
RCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
WESTINGHOUSE ELECTRIC CORPORATION
BENDETSSEN, KARL R.

FEDERATED DEPARTMENT STORES, INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
FIGGINS, W. P.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
GAVIN, JAMES M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HANIFY, EDWARD B.
FEDERATED DEPARTMENT STORES, INC.
FIGGINS, W. P.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
GIFFORD, NELSON S.
HILL, RICHARD DEVEREUX
MERCER, WILLIAM C.
MOCKLER, COLMAN M., JR.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.

MASS. INST. OF TECHNOLOGY
MORGAN, J. P., AND CO., INC.
AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOF DUPONT, E. I., DE NEMOURS AND CO.

	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
	SEARS, ROEBUCK AND CO.
	SHULTZ, GEORGE P.
	SOUTHERN RAILWAY COMPANY
	LEACH, RALPH F.
	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
	WESTERN ELECTRIC CO., INC.
	PROCKNOW, DONALD E.
JONES, GILBERT E.	
CONTINENTAL OIL COMPANY	
	AMERICAN EXPRESS COMPANY
	MCCARDELL, ARCHIE R.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HEWITT, WILLIAM A.
	BANKERS TRUST NEW YORK CORP
	BLAUVELT, HOWARD W.
	CONTINENTAL ILLINOIS CORPORATION
	HEWITT, WILLIAM A.
	EQUITABLE LIFE ASSURANCE
	BUEK, C. W.
	GENERAL TELEPHONE AND ELECTRONICS CORP.
	BLAUVELT, HOWARD W.
	UAL, INC.
	NORSTAD, LAURIS
GENEPAL REINSURANCE CORP.	MARINE MIDLAND BANKS, INC.
	OWEN, NATHAN R.
IBM WORLD TRADE CORP.	
INTERNATIONAL BUSINESS MACHINES CORP.	
	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	BANKERS TRUST NEW YORK CORP
	MOORE, WILLIAM H.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CHASE MANHATTAN CORP.
	HARRIS, PATRICIA R.
	CHEMICAL NEW YORK CORPORATION
	FUNSTON, G. KEITH
	LEARSON, T. VINCENT
	CITICORP
	HOUGHTON, AMORY, JR.
	SHAPIRO, IRVING S.
	CONTINENTAL ILLINOIS CORPORATION
	RIZZO, PAUL J.
	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
	MOBIL CORPORATION
	WILLIAMS, ALBERT L.
	MORGAN, J. P., AND CO., INC.
	CARY, FRANK T.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	WATSON, THOMAS J., JR.
	SOUTHERN PACIFIC COMPANY
	BETCHEL, STEPHEN D., JR.
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
UNITED STATES TRUST COMPANY	AMERICAN EXPRESS COMPANY
	AMMIDON, HOYT
	CLARK, HOWARD L.
	ETHERINGTON, EDWIN D.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	JOHNSON, BELTON K.
	CHRYSLER CORPORATION
	KILLEFER, TOM
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	CONTINENTAL OIL COMPANY
	BUEK, C. W.
	EQUITABLE LIFE ASSURANCE
	BUEK, C. W.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	HAMILTON, FREDERIC C.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	PENNEY, J. C., CO., INC.
	MACBAIN, GAVIN KEITH
FANE, EDWARD F.	
LAIRD, WILLIAM WINDER	
LENHER, SAMUEL	
BLOCK ENGINEERING INC.	
MCCOY, CHARLES B.	
BETHLEHEM STEEL CORPORATION	
	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	CITICORP
	JENKINS, GEORGE P.
	COMMONWEALTH EDISON
	WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION
	WRIGHT, JOSEPH S.
	GENERAL MOTORS CORP.
	PATTERSON, ELLMORE C.
	METROPOLITAN LIFE INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DUPONT, E. I., DE NEMOURS AND CO.

JENKINS, GEORGE P.
MORGAN, J. P., AND CO., INC.
FOY, LEWIS W.
PATTERSON, ELLMORE C.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.

DIAMOND STATE TELEPHONE CO.
TRW, INC.

DETROIT EDISON COMPANY
BACHER, ROBERT F.
EASTMAN KODAK COMPANY
ZORNOW, GERALD B.
GOODYEAR TIRE AND RUBBER COMPANY
METTLER, RUBEN F.
MARINE MIDLAND BANKS, INC.
ZORNOW, GERALD B.
PROCTER AND GAMBLE COMPANY
SHEPARD, HORACE A.
SEARS, ROEBUCK AND CO.
METCALF, GORDON M.

WILMINGTON TRUST CO.
PATRICK, RUTH
PENNA. POWER & LIGHT CO.
PIPPIN, R. RUSSELL
SHAPIRO, IRVING S.
BANK OF DELAWARE
CITICORP

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER

CONTINENTAL AMERICAN LIFE INS. CO.
INTERNATIONAL BUSINESS MACHINES CORP.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR DUPONT, E. I., DE NEMOURS AND CO.

	HOUGHTON, AMORY, JR.
	CONTINENTAL ILLINOIS CORPORATION
	RIZZO, PAUL J.
	CONTINENTAL OIL COMPANY
	JONES, GILBERT E.
	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
	MOBIL CORPORATION
	WILLIAMS, ALBERT L.
	MORGAN, J. P., AND CO., INC.
	CARY, FRANK T.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	WATSON, THOMAS J., JR.
	SOUTHERN PACIFIC COMPANY
	BETCHEL, STEPHEN D., JR.
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
SHARP, HUGH R., JR.	
WILMINGTON TRUST CO.	
SINNESS, LESTER S.	
SWANK, HOWARD W.	
	BETHLEHEM STEEL CORPORATION
	MCCOY, CHARLES B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EASTERN AIRLINES, INC.

BASSETT, HARPY HOOD
CANADIAN AMERICAN BANKS, S. A.
CANADIAN AMERICAN FINANCE, S. A.
SOUTHEAST BANKS TRUST CO.
SOUTHEAST DATA PROCESSING INC.
SOUTHEAST FIRST NATIONAL BANK OF MIAMI
FLORIDA POWER AND LIGHT COMPANY
BLUMBERG, DAVID
DAVIS, JEAN MCARTHUR

SOUTHEAST MANAGEMENT SERVICES INC.
SOUTHEAST PROPERTIES INC.
SOUTHEAST S. B. I. C. INC.
SOUTHEAST SERVICES INC.
WOMETCO ENTERPRISES, INC.

BORMAN, FRANK
CAMERON IRON WORKS, INC.
CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
TENNECO, INC.
ALLEN, HERBERT

SALEM NATIONAL CORP.
SOUTHEAST FIRST NATIONAL BANK OF MIAMI
FLORIDA POWER AND LIGHT COMPANY
BLUMBERG, DAVID
DAVIS, JEAN MCARTHUR

UNIFER INC.
ELKINS, JAMES A.
AMERICAN GENERAL INSURANCE CO. AMERICAN GENERAL CAPITAL MANAGEMENT, INC.
HOOK, HAROLD SWANSON
TENNECO, INC.
FREEMAN, NELSON WRIGHT

CAMERON IRON WORKS, INC.
CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
TENNECO, INC.
ALLEN, HERBERT

FIRST CITY BANK CORPORATION OF TEXAS INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.

GAMBELL, E. SYMTHE
GILPATRIC, ROSWELL L.
BEDFORD STUYVESANT D & S CORP.
CBS, INC.
AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
CITICORP
THOMAS, FRANKLIN A.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
THOMAS, FRANKLIN A.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
TREE, MARIETTA
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
LOVETT, ROBERT A.
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
CITICORP
HOUGHTON, AMORY, JR.
PALMER, EDWARD LEWIS
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS

EASTERN AIRLINES INC.
FAIRCHILD CAMERA AND INSTRUMENT CORP.
HALL, FLOYD D.
CLUETT PEABODY AND CO., INC.
AMERICAN EXPRESS COMPANY
CLARK, HOWARD L.
HENLEY, HENRY H., JR.
BANKERS TRUST NEW YORK CORP
GELB, RICHARD L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF EASTERN AIRLINES, INC.

	FEDERATED DEPARTMENT STORES, INC.
	SHORE, T. SPENCER
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MOBIL CORPORATION
	CLARK, HOWARD L.
INTERNATIONAL AIR TRANSPORT ASSN.	
NEW YORK TELEPHONE COMPANY	AMERICAN EXPRESS COMPANY
	WALLACE, MARTHA REDFIELD
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	CBS, INC.
	THOMAS, FRANKLIN A.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	HOUGHTON, AMORY, JR.
	THOMAS, FRANKLIN A.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	LINDHOLM, WILLIAM L.
	MARINE MIDLAND BANKS, INC.
	WENDEL, WILLIAM H.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	THOMAS, FRANKLIN A.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	YUNICH, DAVID L.
ROYAL BANK OF CANADA, THE	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
	UNION CARBIDE CORPORATION
	SINCLAIR, IAN D.
SOUTHEAST BANKING CORP.	FLORIDA POWER AND LIGHT COMPANY
	MCDONALD, MARSHALL
HARLAN, W. GLEN	
	DORADO BEACH DEVELOPMENT, INC.
	DORADO BEACH ESTATES, INC.
HITESMAN, WALTER W., JR.	
LEGORRETA, AGUSTIN F.	
PHALFN, CLIFTON W.	
	CHUBB CORPORATION
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	CHEMICAL NEW YORK CORPORATION
	MOSBACHER, EMIL, JR.
	CITICORP
	WRISTON, WALTER B.
	GENERAL ELECTRIC COMPANY
	MICHELSON, GERTRUDE G.
	WRISTON, WALTER B.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	SAFeway STORES, INC.
	CHUBB, PERCY, III
	MITCHELL, W. S.
GRACE, W. R., AND CO.	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CITICORP
	GRACE, J. PETER
	JENKINS, GEORGE P.
	MILLIKEN, ROGER
	COMMONWEALTH EDISON
	PRINCE, WILLIAM WOOD
	FIRST CHICAGO CORPORATION
	PRINCE, WILLIAM WOOD
	FIRST NATIONAL BOSTON CORP.
	FOSTER, RAYMOND C.
	MARINE MIDLAND BANKS, INC.
	LARKIN, FELIX E.
	OWENS, CORNELIUS W.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	TRANSAMERICA CORPORATION
	SHUMWAY, FOPREST NELSON
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
KENNECOTT COPPER CORP.	CITICORP
	HATFIELD, ROBERT S.
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	GENERAL MOTORS CORP.
	HATFIELD, ROBERT S.
	GOODYEAR TIRE AND RUBBER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EASTERN AIRLINES, INC.

DEYOUNG, RUSSELL
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 SCHIFF, JOHN M.
 KRESGE, S. S., COMPANY
 RUSSELL, GEORGE
 MORGAN, J. P., AND CO., INC.
 PAGE, WALTER H.
 PENNEY, J. C., CO., INC.
 MACBAIN, GAVIN KEITH
 PROCTER AND GAMBLE COMPANY
 MILLIKEN, FRANK R.

POSVAR, WESLEY W. (DR)
 FEDERATED INVESTORS, INC.
 PRINCE, WILLIAM WOOD
 BAPBER OIL CORP.
 COMMONWEALTH EDISON

BETHLEHEM STEEL CORPORATION
 WRIGHT, JOSEPH S.
 CONTINENTAL ILLINOIS CORPORATION
 COREY, GORDON R.
 WRIGHT, JOSEPH S.
 FIRST CHICAGO CORPORATION
 AYERS, THOMAS G.
 MCCORMICK, BROOKS
 SWIFT, A. DEAN
 INTERNATIONAL HARVESTER COMPANY
 MCCORMICK, BROOKS
 METROPOLITAN LIFE INSURANCE COMPANY
 JOHNSON, G. E.
 SEARS, ROEBUCK AND CO.
 AYERS, THOMAS G.
 SWIFT, A. DEAN
 STANDARD OIL COMPANY OF INDIANA
 WRIGHT, JOSEPH S.
 BANKAMERICA CORPORATION
 DILLINGHAM, LOWELL S.
 FORD MOTOR CO.
 TAYLOR, A. THOMAS
 PAN AMERICAN WORLD AIRWAYS, INC.
 DILLINGHAM, LOWELL S.
 ATLANTIC RICHFIELD COMPANY
 ANDERSON, ROBERT O.
 FREEMAN, GAYLORD
 INGERSOLL, ROBERT S.
 BURLINGTON NORTHERN, INC.
 MENK, LOUIS W.
 CATERPILLAR TRACTOR COMPANY
 INGERSOLL, ROBERT S.
 MORGAN, LEE L.
 COMMONWEALTH EDISON
 AYERS, THOMAS G.
 MCCORMICK, BROOKS
 SWIFT, A. DEAN
 FIRST BANK SYSTEM, INC.
 MENK, LOUIS W.
 GENERAL MOTORS CORP.
 SIVAGE, GERALD A.
 INTERNATIONAL HARVESTER COMPANY
 MCCORMICK, BROOKS
 MENK, LOUIS W.
 METROPOLITAN LIFE INSURANCE COMPANY
 SIVAGE, GERALD A.
 SANTA FE INDUSTRIES, INC.
 WOELFLE, ARTHUR W.
 SEARS, ROEBUCK AND CO.
 AYERS, THOMAS G.
 SWIFT, A. DEAN
 STANDARD OIL COMPANY OF INDIANA
 ABBODD, ROBERT A.
 UAL, INC.
 CARLSON, EDWARD E.
 STUART, ROBERT D., JR.
 AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 BETHLEHEM STEEL CORPORATION
 JENKINS, GEORGE P.
 CITICORP
 GRACE, J. PETER
 JENKINS, GEORGE P.
 MILLIKEN, ROGER
 FIRST NATIONAL BOSTON CORP.
 FOSTER, RAYMOND C.
 MARINE MIDLAND BANKS, INC.
 LARKIN, FELIX E.
 OWENS, CORNELIUS W.
 METROPOLITAN LIFE INSURANCE COMPANY
 JENKINS, GEORGE P.
 TRANSAMERICA CORPORATION
 SHUMWAY, FORREST NELSON
 WESTINGHOUSE ELECTRIC CORPORATION
 MILLIKEN, ROGER

DELTEC INTERNATIONAL, LTD.

FIRST CHICAGO CORPORATION

GRACE, W. R., AND CO.

LAWTER CHEMICALS INC.
 PRINCE, H. F. & CO., INC.
 REINHOLD, PAUL E.
 SCHRIEVER, BERNARD ADOLPH

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EASTERN AIRLINES, INC.

ACUREX CORP.

AMCORD, INC.

AMERICAN MEDICAL INTERNATL.

CONTROL DATA CORP.

EMERSON ELECTRIC CO.

SCHRIEVER & MCKEE

TELECOM, INC.

WACKENHUT CORP.

NORTHWEST BANCORPORATION

BEMIS, JUDSON

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BEMIS, JUDSON

MISSOURI PACIFIC CORPORATION

KNIGHT, CHARLES F.

FLORIDA POWER AND LIGHT COMPANY

PRESTON, WILL M.

PENNEY, J. C., CO., INC.

WRIGHT, CECIL L.

SIMONS, CHARLES J.

BANK OF COMMERCE (NYC)

DORADO BEACH DEVELOPMENT, INC.

EXECUTIVE SPORTS, INC.

SOUTHEASTERN FIRST NATIONAL BANK OF MIAMI SPRINGS

TERMINAL SALES CO., INC.

SMITH, EDWARD D.

EQUIFAX INC.

FIRST NATIONAL HOLDING CORP.

METROPOLITAN LIFE INSURANCE COMPANY

RAST, L. EDMUND

SEABOARD COAST LINE INDUSTRIES, INC.

HATCH, EDWIN I.

SEARS, ROEBUCK AND CO.

PRADO, A. M.

SOUTHERN COMPANY

HATCH, EDWIN I.

GEORGIA POWER CO.

SEABOARD COAST LINE INDUSTRIES, INC.

HATCH, EDWIN I.

VOGTLE, ALVIN W., JR.

SOUTHERN COMPANY

HATCH, EDWIN I.

MORRIS, WILLIAM S., III

PARKER, WILLIAM A., JR.

VOGTLE, ALVIN W., JR.

KROGER COMPANY, THE

AMERICAN ELECTRIC POWER COMPANY, INC.

BOESCHENSTEIN, WILLIAM W.

SOUTHERN BELL TELEPHONE & TELEGRAPH CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

BROWN, CHARLES L.

CHEMICAL NEW YORK CORPORATION

BROWN, CHARLES L.

DUPONT, E. I., DE NEMOURS AND CO.

BROWN, CHARLES L.

METROPOLITAN LIFE INSURANCE COMPANY

RAST, L. EDMUND

TRI-SOUTH MORTGAGE INVESTORS CO.

WOODWARD, HAPPER

CANEEL BAY PLANTATION, INC.

ITEK CORPORATION

FEDERATED DEPARTMENT STORES, INC.

LAZARUS, MAURICE

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

LAZARUS, MAURICE

MAUNA KOA BEACH HOTEL CORP.

ROCK-RESORTS, INC.

ROCKEFELLER FAMILY AND ASSOCIATES

KRESGE, S. S., COMPANY

PURCELL, ROBERT W.

WAYFARE KETCH CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EASTMAN KODAK COMPANY

ANDERSON, ROGER E.

AMSTEAD INDUSTRIES

CONTINENTAL ILLINOIS CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HEWITT, WILLIAM A.

BETHLEHEM STEEL CORPORATION

WRIGHT, JOSEPH S.

COMMONWEALTH EDISON

COREY, GORDON R.

WRIGHT, JOSEPH S.

CONTINENTAL OIL COMPANY

HEWITT, WILLIAM A.

INTERNATIONAL BUSINESS MACHINES CORP.

RIZZO, PAUL J.

INTERNATIONAL HARVESTER COMPANY

POTTER, KEITH R.

SEAFS, ROEBUCK AND CO.

WOOD, ARTHUR M.

STANDARD OIL COMPANY OF INDIANA

MALOTT, ROBERT H.

WRIGHT, JOSEPH S.

YARRINGTON, BLAINE J.

TRANS WORLD AIRLINES, INC.

LAFONTANT, JEWEL S.

INTERNATIONAL HARVESTER COMPANY

BANKAMERICA CORPORATION

BRIMMER, ANDREW F.

BURLINGTON NORTHERN, INC.

MENK, LOUIS W.

COMMONWEALTH EDISON

MCCORMICK, BROOKS

CONTINENTAL ILLINOIS CORPORATION

POTTER, KEITH R.

DUPONT, E. I., DE NEMOURS AND CO.

BRIMMER, ANDREW F.

FIRST BANK SYSTEM, INC.

MENK, LOUIS W.

FIRST CHICAGO CORPORATION

MCCORMICK, BROOKS

MENK, LOUIS W.

NORTHWEST BANCORPORATION

SPENCER, EDSON W.

SANTA FE INDUSTRIES, INC.

RATTALIATA, JOHN T.

UAL, INC.

BRIMMER, ANDREW F.

WESTERN ELECTRIC CO., INC.

RATTALIATA, JOHN T.

JOHNSON, S. C., AND SONS

BRUCE, JAMES S.

BLUE CROSS OF ROCHESTER

EASTMAN SAVINGS & LOAN ASSOCIATION

ROCHESTER JOBS INC.

CHANDLER, COLBY H.

LINCOLN FIRST BANKS, INC.

AETNA LIFE AND CASUALTY COMPANY

SHERMAN, ROBERT A.

CBS, INC.

PURCELL, JOHN R.

METROPOLITAN LIFE INSURANCE COMPANY

WALLIS, W. ALLEN

COLE, FENDALL M.

SECURITY NEW YORK STATE CORP. COLUMBIA GAS SYSTEM

CLUTE, WARREN W., JR.

EILERS, LOUIS K.

WESTINGHOUSE ELECTRIC CORPORATION

AETNA LIFE AND CASUALTY COMPANY

TAYLOR, HOBART, JR.

CHEMICAL NEW YORK CORPORATION

PIVIROTT, RICHARD R.

CITICORP

MILLIKEN, ROGER

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

TAYLOR, HOBART, JR.

MANUFACTURERS HANOVER CORPORATION

MCGILLICUDDY, JOHN F.

WHITMAN, MARINA V. N.

MELLON NATIONAL CORPORATION

BURNHAM, DONALD C.

NEW YORK LIFE INSURANCE COMPANY

PIVIROTT, RICHARD R.

FALLON, WALTER A.

GENERAL MOTORS CORP.

AMERICAN AIR LINES, INC.

FISCHER, CHARLES T., III

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

BETHLEHEM STEEL CORPORATION

PATTERSON, ELLMORE C.

CHASE MANHATTAN CORP.

CONNOR, JOHN T.

SMITH, J. STANFORD

CITICORP

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EASTMAN KODAK COMPANY

DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
MORGAN, J. P., AND CO., INC. AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
ROCHESTER GAS & ELECTRIC CORP.
ROCHESTER SAVINGS BANK
HARVEY, DOUGLAS C.
EASTMAN SAVINGS & LOAN ASSOCIATION
HATFIELD, ROBERT S.
CITICORP
AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF EASTMAN KODAK COMPANY

GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
PCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
CITICORP
SEIBERT, DONALD VINCENT
GENERAL ELECTRIC COMPANY
PARKER, JACK S.
GENERAL PUBLIC UTILITIES CORP.
HAYFORD, WARREN J.
GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
HAZARD, ELLISON L.
SMITH, LLOYD B.
MANUFACTURERS HANOVER CORPORATION
LYET, J. PAUL
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NORTHEAST UTILITIES
BENSON, LUCY WILSON
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
DEBUTTS, JOHN D.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MC LAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.

CONTINENTAL GROUP, INC.

GENERAL MOTORS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EASTMAN KODAK COMPANY

KENNECOTT COPPER CORP.

KREPS, JUANITA M.
PENNEY, J. C., CO., INC.

REYNOLDS, R. J., INDUSTRIES, INC.

WESTERN ELECTRIC CO., INC.

MCNEELEY, HARRY D.
CONWOOD CORP
FIRST NATIONAL BANK OF SULLIVAN COUNTY
MEYER, JOHN M., JR.
GILLETTE CO.

TEXAS GULF, INC.

UNITED STATES STEEL CORPORATION

SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
KRESGE, S. S., COMPANY
RUSSELL, GEORGE
MORGAN, J. P., AND CO., INC.
PAGE, WALTER H.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH
PROCTER AND GAMBLE COMPANY
MILLIKEN, FRANK R.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
JORDAN, VERNON E., JR.
CITICORP
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
UNION CARBIDE CORPORATION
JACKSON, JACK B.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DAVIS, ARCHIE K.
CHASE MANHATTAN CORP.
MACOMBER, JOHN D.
MYERS, CHARLES F., JR.
FEDERATED DEPARTMENT STORES, INC.
LINGLE, WALTER L., JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BUTLER, A. L., JR.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
CHARTER NEW YORK CORP.
BURCHAM, LESTER A.
INTERNATIONAL HARVESTER COMPANY
RATTALIATA, JOHN T.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
LAWRENCE, JOHN L.
RATTALIATA, JOHN T.
UNION PACIFIC CORPORATION
KENEFFICK, JOHN C.
WOOLWORTH, F. W., CO.
BURCHAM, LESTER A.
GUSHMAN, JOHN LOUIS

CITICORP
FOURAKER, LAWRENCE E.
FIRST NATIONAL BOSTON CORP.
MOCKLER, COLMAN M., JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
MOCKLER, COLMAN M., JR.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.
RCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
THOMSON, RICHARD M.
RCA CORP.
SMILEY, DONALD B.
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EASTMAN KODAK COMPANY

AETNA LIFE AND CASUALTY COMPANY
 FILER, JOHN H.
 RODERICK, DAVID M.
 AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.
 AMERICAN EXPRESS COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 DEBUTTS, JOHN D.
 SPEER, EDGAR B.
 CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 SCRIVENER, ROBERT CARLTON
 CHARTER NEW YORK CORP.
 SMILEY, DONALD B.
 CHASE MANHATTAN CORP.
 MYERS, CHARLES F., JR.
 CHEMICAL NEW YORK CORPORATION
 WALKER, WILBERT A.
 CITICORP
 DEBUTTS, JOHN D.
 FIRST BANK SYSTEM, INC.
 HERZOG, RAYMOND H.
 GENERAL MOTORS CORP.
 BRANCH, HARLEE, JR.
 DEBUTTS, JOHN D.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 MANUFACTURERS HANOVER CORPORATION
 BEERS, WILLIAM O.
 MELLON NATIONAL CORPORATION
 GOTT, EDWIN H.
 METROPOLITAN LIFE INSURANCE COMPANY
 SMILEY, DONALD B.
 NORTHWEST AIRLINES, INC.
 HERZOG, RAYMOND H.
 PROCTER AND GAMBLE COMPANY
 SPEER, EDGAR B.
 RCA CORP.
 SMILEY, DONALD B.
 SEARS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 PERKINS, DONALD S.
 CORNING GLASS WORKS
 AMERICAN AIR LINES, INC.
 BURR, FRANCIS H.
 CBS, INC.
 GILPATRIC, ROSWELL L.
 CITICORP
 HOUGHTON, AMORY, JR.
 PALMER, EDWARD LEWIS
 EASTERN AIRLINES, INC.
 GILPATRIC, ROSWELL L.
 EQUITABLE LIFE ASSURANCE
 BURR, FRANCIS H.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 METROPOLITAN LIFE INSURANCE COMPANY
 HOUGHTON, J. R.
 MORGAN, J. P., AND CO., INC.
 HOUGHTON, J. R.
 UNION PACIFIC CORPORATION
 PALMER, EDWARD LEWIS
 CUMMINS ENGINE CO., INC.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 MILLER, J. IRWIN
 CBS, INC.
 SCHACHT, HENRY B.
 THOMAS, FRANKLIN A.
 CHEMICAL NEW YORK CORPORATION
 HILLMAN, HENRY L.
 CITICORP
 THOMAS, FRANKLIN A.
 GENERAL ELECTRIC COMPANY
 HILLMAN, HENRY L.
 NEW YORK LIFE INSURANCE COMPANY
 THOMAS, FRANKLIN A.
 INLAND STEEL CO.
 BURLINGTON NORTHERN, INC.
 SMITH, JOHN F., JR.
 CONTINENTAL ILLINOIS CORPORATION
 TENENBAUM, MICHAEL
 FIRST CHICAGO CORPORATION
 ABBOUD, ROBERT A.
 JAICKS, FREDERICK G.
 GENERAL ELECTRIC COMPANY
 HOVDE, FREDERICK L.
 STANDARD OIL COMPANY OF INDIANA
 ABBOUD, ROBERT A.
 JEWEL COMPANIES, INC.
 CITICORP
 FOURAKER, LAWRENCE E.
 CONTINENTAL ILLINOIS CORPORATION
 BAUMHART, RAYMOND C.
 GENERAL ELECTRIC COMPANY
 CATHCART, SILAS S.
 INTERNATIONAL HARVESTER COMPANY
 BAYS, KARL D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EASTMAN KODAK COMPANY

ROBSON, WYLIE SCHALL CARBORUNDUM CO.	RCA CORP. FOURAKER, LAWRENCE E.
	GULF OIL CORPORATION PEARSON, NATHAN W.
	MARINE MIDLAND BANKS, INC. WENDEL, WILLIAM H.
	MELLON NATIONAL CORPORATION PEARSON, NATHAN W.
SECURITY TRUST COMPANY	MOBIL CORPORATION BORCH, FRED J.
SHERMAN, ROBERT A. AETNA LIFE AND CASUALTY COMPANY	CITICORP GRAY, HARRY J.
	EXXON CORPORATION GRAY, HARRY J.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC. TAYLOR, HOBART, JR.
	MORGAN, J. P., AND CO., INC. SMITH, OLCOTT D.
	UNITED STATES STEEL CORPORATION FILER, JOHN H.
	RODERICK, DAVID M.
	WESTINGHOUSE ELECTRIC CORPORATION TAYLOR, HOBART, JR.
LINCOLN FIRST BANKS, INC.	CBS, INC. PURCELL, JOHN R.
	METROPOLITAN LIFE INSURANCE COMPANY WALLIS, W. ALLEN
ROCHESTER TELEPHONE CORP.	METROPOLITAN LIFE INSURANCE COMPANY WALLIS, W. ALLEN
WALLIS, W. ALLEN BAUSCH & LOMB INC. ESMARCK, INC.	COMMONWEALTH EDISON MCCORMICK, BROOKS
	CONTINENTAL ILLINOIS CORPORATION JOHNSON, WILLIAM B.
	RENEKER, ROBERT W.
	FIRST CHICAGO CORPORATION MCCORMICK, BROOKS
	INTERNATIONAL HARVESTER COMPANY MCCORMICK, BROOKS
	MELLON NATIONAL CORPORATION CASEY, SAMUEL B., JR.
	TRANS WORLD AIRLINES, INC. CROWN, LESTER
LINCOLN FIRST BANKS, INC.	AETNA LIFE AND CASUALTY COMPANY SHERMAN, ROBERT A.
	CBS, INC. PURCELL, JOHN R.
MACMILLAN INC.	INTERNATIONAL TELEPHONE AND TELEGRAPH CO. LANNAN, J. PATRICK
METROPOLITAN LIFE INSURANCE COMPANY	AMERICAN BROADCASTING COMPANIES JENKINS, GEORGE P.
	ATLANTIC RICHFIELD COMPANY PLACE, JOHN B. M.
	BETHLEHEM STEEL CORPORATION JENKINS, GEORGE P.
	CHARTER NEW YORK CORP. SMILEY, DONALD B.
	CHASE MANHATTAN CORP. SHINN, RICHARD R.
	CHEMICAL NEW YORK CORPORATION FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	CITICORP JENKINS, GEORGE P.
	COMMONWEALTH EDISON JOHNSON, G. E.
	CONSOLIDATED EDISON CO OF NEW YORK LUCE, CHARLES F.
	CROCKER NATIONAL CORPORATION SOLOMON, EMMETT G.
	EXXON CORPORATION PETERSON, MARTHA E.
	FIRST CHICAGO CORPORATION SIVAGE, GERALD A.
	GENERAL MOTORS CORP. MCLAUGHLIN, W. EARLE
	SIVAGE, GERALD A.
	GOODYEAR TIRE AND RUBBER COMPANY HARPER, JOHN DICKESON
	INTERNATIONAL BUSINESS MACHINES CORP. FUNSTON, G. KEITH
	MELLON NATIONAL CORPORATION HARPER, JOHN DICKESON
	MORGAN, J. P., AND CO., INC. HOUGHTON, J. R.
	NORTHWEST AIRLINES, INC. LAIRD, M. R.
	PACIFIC GAS AND ELECTRIC COMPANY SOLOMON, EMMETT G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF EASTMAN KODAK COMPANY

	PHILLIPS PETROLEUM COMPANY
	LAIRD, M. R.
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
	PCA CORP.
	SMILEY, DONALD B.
	UAL, INC.
	LUCE, CHARLES F.
	UNION CARBIDE CORPORATION
	MASON, BIRNEY, JR.
	SNEATH, WILLIAM S.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
ROCHESTER TELEPHONE CORP.	AETNA LIFE AND CASUALTY COMPANY
	SHERMAN, ROBERT A.
TRANS UNION CORP.	CONTINENTAL ILLINOIS CORPORATION
	JOHNSON, WILLIAM B.
	RENEKER, ROBERT W.
UNION TANK CAR CO.	AMERICAN ELECTRIC POWER COMPANY, INC.
	ZWIENER, KENNETH V.
	SANTA FE INDUSTRIES, INC.
	ZWIENER, KENNETH V.
WELSH, FREDERIC S.	
ZORNOW, GERALD B.	MARINE MIDLAND BANKS, INC.
GENERAL SIGNAL CORP.	OWEN, NATHAN R.
	AMERICAN AIR LINES, INC.
MARINE MIDLAND BANKS, INC.	SADLER, MARION
	GENERAL PUBLIC UTILITIES CORP.
	KUHNS, WILLIAM G.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
	PCA CORP.
	PETTY, JOHN ROBERT
	BETHLEHEM STEEL CORPORATION
	MCCOY, CHARLES B.
	DETROIT EDISON COMPANY
	BACHER, ROBERT F.
	DUPONT, E. I., DE NEMOURS AND CO.
	MCCOY, CHARLES B.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	PROCTER AND GAMBLE COMPANY
	SHEPARD, HORACE A.
	SEAPS, ROEBUCK AND CO.
	METCALF, GORDON M.
TPW, INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EQUITABLE LIFE ASSURANCE

AGEE, WILLIAM M.
BENDIX CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.
FOLSOM, RICHARD G.
CHASE MANHATTAN CORP.
EKLUND, C. G.
CHEMICAL NEW YORK CORPORATION
VILA, GEORGE R.
CONSUMERS POWER COMPANY
MOTT, C. S. HARDING
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
KRESGE, S. S., COMPANY
CUNNINGHAM, HARRY B.
PURCELL, ROBERT W.
NATIONAL DETROIT CORPORATION
CUNNINGHAM, HARRY B.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

AETNA LIFE AND CASUALTY COMPANY
TAYLOR, HOBART, JR.
GENERAL ELECTRIC COMPANY
DANCE, WALKER D.
GENERAL PUBLIC UTILITIES CORP.
HAUPTFUHRER, BARBARA BARNES
GOODYEAR TIRE AND RUBBER COMPANY
DODD, EDWIN D.
PAN AMERICAN WORLD AIRWAYS, INC.
WISER, FORWOOD C., JR.
WESTINGHOUSE ELECTRIC CORPORATION
TAYLOR, HOBART, JR.

MORRISON-KNUDSEN CO., INC.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCOTT, JONATHAN L.

ALLEN, IVAN, JR.
ALLEN, IVAN, CO.
AMCO INVESTMENT CO.
COX BROADCASTING CO.
MEAD CORP.

CHASE MANHATTAN CORP.
VERITY, CALVIN WILLIAM, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
BEITZEL, GEORGE B.
SOUTHERN RAILWAY COMPANY
BOND, WILLIAM ROBERT
DELTA AIR LINES CORPORATION
HILL, JESSE, JR.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
METROPOLITAN LIFE INSURANCE COMPANY
RAST, L. EDMUND
MORGAN, J. P., AND CO., INC.
AUSTIN, J. PAUL

RICH'S, INC.

SOUTHERN BELL TELEPHONE & TELEGRAPH CORP
ATTWOOD, J. A.
AVERY, W. H.

ACME PRINTING INK CO.
CARSON PIRIE SCOTT & CO.

FIRST CHICAGO CORPORATION
JAICKS, FREDERICK G.

CHICAGO TITLE AND TRUST CO.
SIDLEY & AUSTIN
BLOUGH, ROGER M.
CAMPBELL SOUP CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
MURPHY, WILLIAM B.
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
FORD MOTOR CO.
GADSDEN, HENRY W.
MORGAN, J. P., AND CO., INC.
DORRANCE, JOHN T., JR.
PHILLIPS PETROLEUM COMPANY
PIEL, WILLIAM, JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.

BLUMENTHAL, W. M.
BUEK, C. W.

CONTINENTAL OIL COMPANY

AMERICAN EXPRESS COMPANY
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
BANKERS TRUST NEW YORK CORP
BLAUVELT, HOWARD W.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
UAL, INC.
NORSTAD, LAURIS
AMERICAN EXPRESS COMPANY
AMMIDON, HOYT
CIARK, HOWARD L.

UNITED STATES TRUST COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF EQUITABLE LIFE ASSUPANCE

ETHERINGTON, EDWIN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
CHRYSLER CORPORATION
KILLEFER, TOM
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
MOBIL CORPORATION
CLARK, HOWARD L.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH

BURR, FRANCIS H.
AMERICAN AIR LINES, INC.

DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MARINE MIDLAND BANKS, INC.
SADLER, MARION
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.

COMMERCIAL UNION ASSURANCE CO., LTD.
COMMERCIAL UNION CORP.
CORNING GLASS WORKS

CBS, INC.
GILPATRIC, POSWELL L.
CITICORP
HOUGHTON, AMORY, JR.
PALMER, EDWARD LEWIS
EASTERN AIRLINES, INC.
GILPATRIC, ROSWELL L.
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS
GENERAL ELECTRIC COMPANY
LAWPENCE, JOHN E.
FEDERAL STREET FUND
FIDUCIARY TRUST CO OF NEW YORK
ATLANTIC RICHFIELD COMPANY
DOWNER, JOSEPH P.

FIRST NATIONAL BANK OF BOSTON
NEW ENGLAND ELECTRIC SYSTEM

FIRST NATIONAL BOSTON CORP.
NICHOLS, GUY W.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.

ROBES & GREY
STATE STREET INVESTMENT CORP.

FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
GENERAL ELECTRIC COMPANY
LAWRENCE, JOHN E.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
PHILLIPS, THOMAS L.
METROPOLITAN LIFE INSURANCE COMPANY
NICKERSON, ALBERT L.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.

UNION WARREN SAVINGS
EKLUND, C. G.
BENDIX CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.
FOLSOM, RICHARD G.
CHEMICAL NEW YORK CORPORATION
VILA, GEORGE R.
CONSUMERS POWER COMPANY
MOTT, C. S. HARDING
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EQUITABLE LIFE ASSURANCE

CHASE MANHATTAN CORP.

KRESGE, S. S., COMPANY
CUNNINGHAM, HARRY B.
PURCELL, ROBERT W.
NATIONAL DETROIT CORPORATION
CUNNINGHAM, HARRY B.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.
AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
LILLEY, ROBERT D.
EXXON CORPORATION
KAUFFMAN, HOWARD C.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
GENERAL MOTORS CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
INTERNATIONAL BUSINESS MACHINES CORP.
HARRIS, PATRICIA R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
SEARS, ROEBUCK AND CO.
PACE, NORMA T.
STANDARD OIL COMPANY OF INDIANA
SWEARINGEN, JOHN E.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.

FEY, J. T.
CERTAIN-TEED CORP.
DEPOSITORY TRUST CO.

FISHER, A. W.
FISHER SCIENTIFIC CO.
MELLON NATIONAL CORPORATION

FLEISCHMANN, MANLY
AMERICAN AIR LINES, INC.

SIERRA RESEARCH CORP.
GOHEFN, P. F.
GORDON, LINCOLN
HECKSCHER, MAURICE
HENDRICKSON, ROBERT M.
BURLINGTON NORTHERN, INC.

CITICORP
SPENCER, WILLIAM I.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.

GENERAL MOTORS CORP.
MAYER, JOHN A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
GULF OIL CORPORATION
HIGGINS, JAMES H.
PEARSON, NATHAN W.
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
UNITED STATES STEEL CORPORATION
GOTT, EDWIN H.
WESTINGHOUSE ELECTRIC CORPORATION
BURNHAM, DONALD C.

DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MARINE MIDLAND BANKS, INC.
SADLER, MARION
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
SEARS, ROEBUCK AND CO.
BEEPS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.

FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
NASON, PHILIP H.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
MORGAN, J. P., AND CO., INC.
DAVISON, DANIEL P.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EQUITABLE LIFE ASSURANCE

	NEW YORK LIFE INSURANCE COMPANY BUDD, J. M.
	NORTHWEST BANCORPORATION DOWNING, ROBERT W.
CROWN ZELLERBACH CORP.	CONSOLIDATED EDISON CO OF NEW YORK MUMFORD, MILTON C.
	PACIFIC GAS AND ELECTRIC COMPANY DAHL, C. RAYMOND
	UNION PACIFIC CORPORATION POTH, ROBERT W.
	WESTERN BANCORPORATION POTH, ROBERT W.
EQUITABLE LIFE MORTGAGE & REALTY INVESTO	
JAMES, GEORGE F.	
EDIE SPECIAL GROWTH FUND	
FUNDAMEFICA OF JAPAN	
HUYCK CORP.	BANKERS TRUST NEW YORK CORP BAYLIS, CHESTER, JR.
KINNEY SHOE CORP.	
MERRILL LYNCH CAPITAL FUND	
MERRILL LYNCH READY FUND	
WOOLWORTH, F. W., CO.	CHARTER NEW YORK CORP. BURCHAM, LESTER A. WALLIS, GORDON T.
	INVESTORS DIVERSIFIED SERVICES, INC. KIRBY, FRED MORGAN, II
	WESTERN ELECTRIC CO., INC. BURCHAM, LESTER A. GUSHMAN, JOHN LOUIS
JAMIESON, J. F.	
CORPORATE PROPERTY INVESTORS, INC.	
CRUTCHER RESOUPCES CORP.	GOODYEAR TIRE AND RUBBER COMPANY HARPER, JOHN DICKESON
	MELLON NATIONAL CORPORATION HARPER, JOHN DICKESON
	METROPOLITAN LIFE INSURANCE COMPANY HARPER, JOHN DICKESON
	PROCTER AND GAMBLE COMPANY HARPER, JOHN DICKESON
EXXON CORPORATION	AETNA LIFE AND CASUALTY COMPANY GRAY, HARRY J.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY MACNAUGHTON, DONALD S.
	CATERPILLAR TRACTOR COMPANY FRANKLIN, WILLIAM H.
	CHASE MANHATTAN CORP. KAUFFMAN, HOWARD C.
	CHEMICAL NEW YORK CORPORATION PIERCY, GEORGE T.
	CITICORP GARVIN, CLIFTON C., JR. GRAY, HARRY J.
	METROPOLITAN LIFE INSURANCE COMPANY PETERSON, MARTHA E.
	PROCTER AND GAMBLE COMPANY HARNESSE, EDWARD G.
	PRUDENTIAL INSURANCE CO. OF AMERICA MACNAUGHTON, DONALD S.
MERCANTILE TEXAS CORP	
KILBOURNE, R. S.	
KNOWLTON, WINTHROP	
ADVANCE INVESTORS CORP.	FEDERATED DEPARTMENT STORES, INC. DENNLER, WILLIAM H.
HARPER & ROW PUBLISHERS, INC.	GENERAL ELECTRIC COMPANY MICHELSON, GERTRUDE G.
J. HENRY SCHRODER BANKING CORP.	
LONGNECKER, H. E.	
CPC INTERNATIONAL, INC.	CHEMICAL NEW YORK CORPORATION PLATTEN, DONALD C.
	GOODYEAR TIRE AND RUBBER COMPANY PILLIOD, CHARLES JULE, JR.
	MANUFACTURERS HANOVER CORPORATION PILLIOD, CHARLES JULE, JR.
	MARINE MIDLAND BANKS, INC. MCKEE, JAMES WILSON, JR.
	MORGAN, J. P., AND CO., INC. PROCKNOW, DONALD E.
	PRUDENTIAL INSURANCE CO. OF AMERICA PROCKNOW, DONALD E.
	WESTERN ELECTRIC CO., INC. PROCKNOW, DONALD E.
INTERNATIONAL TRADE MART	
MILLER, M. D.	
MILLER, O. N.	
WEYERHAUSER COMPANY	ATLANTIC RICHFIELD COMPANY INGERSOLL, ROBERT S.
	BURLINGTON NORTHERN, INC. WILSON, ROBERT B.
	CATERPILLAR TRACTOR COMPANY INGERSOLL, ROBERT S.
	FIRST CHICAGO CORPORATION INGERSOLL, ROBERT S.
MUMFORD, MILTON C.	
ATCO INDUSTRIES INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EQUITABLE LIFE ASSURANCE
CONSOLIDATED EDISON CO OF NEW YORK

CROWN ZELLERBACH CORP.
LEVER BROTHERS CO.
THOMAS J. LIPTON, INC.
RUEBHAUSEN, O. M.
MALNAR, LTD.
NATIONAL STARCH AND CHEMICAL
THIRD CENTURY CORPORATION
SEILER, LEWS P.
ASSOCIATED DRY GOODS COFF.
CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
PLATTEN, DONALD C.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PIVIROTT, RICHARD R.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
BLACK AND DECKER MANUFACTURING COMPANY
CHESSIE SYSTEM, INC.
DECKER, ALONZO G., JR.
WATKINS, HAYS T.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
CHEMICAL NEW YORK CORPORATION
PLATTEN, DONALD C.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
MANUFACTURERS HANOVER CORPORATION
PILLIOD, CHARLES JULE, JR.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
GLENMORE DISTRILLERIES CO.
LEHMAN CORP., THE
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
MARINE MIDLAND BANKS, INC.
PETTY, JOHN ROBERT
PAN AMERICAN WORLD AIRWAYS, INC.
SEAWELL, WILLIAM T.
RCA COFF.
PETTY, JOHN ROBERT
UNION CARBIDE CORPORATION
HESTER, JAMES M.
AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF EQUITABLE LIFE ASSURANCE

CBS, INC.
 THOMAS, FRANKLIN A.
 DUPONT, E. I., DE NEMOURS AND CO.
 SHAPIRO, IRVING S.
 EASTMAN KODAK COMPANY
 HATFIELD, ROBERT S.
 EXXON CORPORATION
 GARVIN, CLIFTON C., JR.
 GRAY, HARRY J.
 FORD MOTOR CO.
 OELMAN, ROBERT S.
 GENERAL ELECTRIC COMPANY
 WRISTON, WALTER B.
 GENERAL MOTORS CORP.
 DEBUTTS, JOHN D.
 HATFIELD, ROBERT S.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 SHAPIRO, IRVING S.
 METROPOLITAN LIFE INSURANCE COMPANY
 JENKINS, GEORGE P.
 NEW YORK LIFE INSURANCE COMPANY
 THOMAS, FRANKLIN A.
 PENNEY, J. C., CO., INC.
 SEIBERT, DONALD VINCENT
 WRISTON, WALTER B.
 PROCTER AND GAMBLE COMPANY
 OELMAN, ROBERT S.
 PCA CORP.
 FOURAKER, LAWRENCE E.
 SEARS, ROEBUCK AND CO.
 SPENCER, WILLIAM I.
 SOUTHERN PACIFIC COMPANY
 HANLEY, JAMES W.
 STANDARD OIL COMPANY OF CALIFORNIA
 HAYNES, HAROLD J.
 PIGOTT, CHARLES M.
 UNION PACIFIC CORPORATION
 BARNETT, FRANK E.
 PALMER, EDWARD LEWIS
 UNITED STATES STEEL CORPORATION
 DEBUTTS, JOHN D.
 WESTINGHOUSE ELECTRIC CORPORATION
 MILLIKEN, ROGER
 AMERICAN EXPRESS COMPANY
 CLARK, HOWARD L.
 WARNER, RAWLEIGH, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 WARNER, RAWLEIGH, JR.
 BANKERS TRUST NEW YORK CORP
 LAPHAM, LEWIS A.
 TAVOULAREAS, WILLIAM P.
 CATERPILLAR TRACTOR COMPANY
 WAPNER, RAWLEIGH, JR.
 CHEMICAL NEW YORK CORPORATION
 WAPNER, RAWLEIGH, JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 WILLIAMS, ALBERT L.
 CITICORP
 WRISTON, WALTER B.
 GENERAL ELECTRIC COMPANY
 PIERCE, SAMUEL RILEY, JR.
 WRISTON, WALTER B.
 PENNEY, J. C., CO., INC.
 WRISTON, WALTER B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 PIERCE, SAMUEL RILEY, JR.
 CONTINENTAL OIL COMPANY
 PACE, FRANK, JR.
 CROCKER NATIONAL CORPORATION
 WILCOX, THOMAS R.
 SOUTHWORTH, HAMILTON
 SOUTHWORTH COMPANY
 WALKER, JAMES H.
 ELFUN TRUSTS
 KLEINWORT BENSON INTERNATIONAL FUND
 SMITH BARNEY EQUITY FUND, INC.
 SMITH BARNEY INCOME AND GROWTH FUND
 TRANSATLANTIC FUND, INC.
 WALKER, S. R.
 BIRDALL, DANIEL, CO., INC.
 HARLEM SAVINGS BANK
 WALKER, WM. C., AND SONS, INC.
 WHARTON, CLIFTON R.
 BUROUGHES CORP.
 CHRYSLER CORPORATION
 MACDONALD, RAY W.
 DETROIT EDISON COMPANY
 SCHWARTZ, ALAN EARL
 KRESGE, S. S., COMPANY
 CUNNINGHAM, HARRY B.
 NATIONAL DETROIT CORPORATION
 CUNNINGHAM, HARRY B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EQUITABLE LIFE ASSURANCE

FORD MOTOR CO.

SURDAM, ROBERT M.
BANKERS TRUST NEW YORK CORP
CULLMAN, JOSEPH F., III
CITICORP
OELMAN, ROBERT S.
CONSOLIDATED EDISON CO OF NEW YORK
HEISKELL, MARIAN S.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
MORGAN, J. P., AND CO., INC.
BURGESS, CARTER L.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
WELLS FARGO AND COMPANY
MILLER, ARJAY
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
TEXACO, INC.
ROOSA, ROBERT V.

ROCKEFELLER FOUNDATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EXXON CORPORATION

BARROW, THOMAS D.

TEXAS COMMERCE BANCSHARES, INC.

TENNECO, INC.

ALLEN, HERBERT

BENNETT, JACK F.

ADELA INVESTMENT CO., S. A.

CHARTER NEW YORK CORP.

WALLIS, GORDON T.

GENERAL MOTORS CORP.

MCLAUGHLIN, W. EARLE

METROPOLITAN LIFE INSURANCE COMPANY

MCLAUGHLIN, W. EARLE

MORGAN, J. P., AND CO., INC.

COLLADO, EMILLIO G.

WOOLWORTH, F. W., CO.

WALLIS, GORDON T.

CAMPBELL, NICHOLAS J., JR.

CLARKE, JACK G.

AMSTAR CORP.

GENERAL PUBLIC UTILITIES CORP.

BURDITT, JOHN F.

TRANS WORLD AIRLINES, INC.

TILLINGHAST, CHARLES C.

WOOLWORTH, F. W., CO.

LESCH, GEORGE H.

COX, DONALD M.

DOBSON, SIR RICHARD

B. A. T. INDUSTRIES, LTD.

BRITISH LEYLAND, LTD.

DAVY INTERNATIONAL, LTD.

FONSECO MINSEP, LTD.

MOLINS, LTD.

TOBACCO SECURITIES TRUST CO, LTD.

FRANKLIN, WILLIAM H.

CATERPILLAR TRACTOR COMPANY

AMERICAN EXPRESS COMPANY

MARTIN, WILLIAM MCCHESENEY, JR.

WARNER, RAWLEIGH, JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

WARNER, RAWLEIGH, JR.

ATLANTIC RICHFIELD COMPANY

INGERSOLL, ROBERT S.

CHEMICAL NEW YORK CORPORATION

WARNER, RAWLEIGH, JR.

FIRST CHICAGO CORPORATION

INGERSOLL, ROBERT S.

MORGAN, LEE L.

INTERNATIONAL BUSINESS MACHINES CORP.

MARTIN, WILLIAM MCCHESENEY, JR.

MOBIL CORPORATION

WARNER, RAWLEIGH, JR.

SHELL OIL COMPANY

BLACKIE, WILLIAM

STANDARD OIL COMPANY OF CALIFORNIA

PACKARD, DAVID

TRANS WORLD AIRLINES, INC.

PACKARD, DAVID

UNITED STATES STEEL CORPORATION

MARTIN, WILLIAM MCCHESENEY, JR.

SCRIVENER, ROBERT CARLTON

GARVIN, CLIFTON C., JR.

CITICORP

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DEBUTTS, JOHN D.

BETHLEHEM STEEL CORPORATION

JENKINS, GEORGE P.

CBS, INC.

THOMAS, FRANKLIN A.

DUPONT, E. I., DE NEMOURS AND CO.

SHAPIRO, IRVING S.

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

EQUITABLE LIFE ASSURANCE

SHELDON, ELEANOR H. B.

FORD MOTOR CO.

OELMAN, ROBERT S.

GENERAL ELECTRIC COMPANY

WRISTON, WALTER B.

GENERAL MOTORS CORP.

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

INTERNATIONAL BUSINESS MACHINES CORP.

HOUGHTON, AMORY, JR.

SHAPIRO, IRVING S.

METROPOLITAN LIFE INSURANCE COMPANY

JENKINS, GEORGE P.

MOBIL CORPORATION

SHELDON, ELEANOR H. B.

NEW YORK LIFE INSURANCE COMPANY

THOMAS, FRANKLIN A.

PENNEY, J. C., CO., INC.

SEIBERT, DONALD VINCENT

WRISTON, WALTER B.

PROCTER AND GAMBLE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF EXXON CORPORATION

	OELMAN, ROBERT S.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	SOUTHERN PACIFIC COMPANY
	HANLEY, JAMES W.
	STANDARD OIL COMPANY OF CALIFORNIA
	HAYNES, HAROLD J.
	PIGOTT, CHARLES M.
	UNION PACIFIC CORPORATION
	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
	UNITED STATES STEEL CORPORATION
	DEBUTTS, JOHN D.
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
PEPSICO INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	ATLANTIC RICHFIELD COMPANY
	KENDALL, DONALD M.
	BRANIFF INTERNATIONAL CORPORATION
	LAY, HERMAN W.
	STEWART, ROBERT H., III
	CHEMICAL NEW YORK CORPORATION
	LEARSON, T. VINCENT
	DUKE POWER CO.
	LAY, HERMAN W.
	GENERAL MOTORS CORP.
	ROCHE, JAMES M.
	INTERNATIONAL BUSINESS MACHINES CORP.
	COLEMAN, WILLIAM T., JR.
	LEARSON, T. VINCENT
	MANUFACTURERS HANOVER CORPORATION
	LINDHOLM, WILLIAM L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	KENDALL, DONALD M.
GRAY, HARRY J.	
AETNA LIFE AND CASUALTY COMPANY	
	EASTMAN KODAK COMPANY
	SHERMAN, ROBERT A.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	TAYLOR, HOBART, JR.
	MORGAN, J. P., AND CO., INC.
	SMITH, OLCOTT D.
	UNITED STATES STEEL CORPORATION
	FILER, JOHN H.
	RODERICK, DAVID M.
	WESTINGHOUSE ELECTRIC CORPORATION
	TAYLOR, HOBART, JR.
CITICORP	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DEBUTTS, JOHN D.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CBS, INC.
	THOMAS, FRANKLIN A.
	DUPONT, E. I., DE NEMOURS AND CO.
	SHAPIRO, IRVING S.
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GENERAL ELECTRIC COMPANY
	WRISTON, WALTER B.
	GENERAL MOTORS CORP.
	DEBUTTS, JOHN D.
	HATFIELD, ROBERT S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	SHAPIRO, IRVING S.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
	PENNEY, J. C., CO., INC.
	SEIBERT, DONALD VINCENT
	WRISTON, WALTER B.
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	SOUTHERN PACIFIC COMPANY
	HANLEY, JAMES W.
	STANDARD OIL COMPANY OF CALIFORNIA
	HAYNES, HAROLD J.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EXXON CORPORATION

	PIGOTT, CHARLES M.
	UNION PACIFIC CORPORATION
	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
	UNITED STATES STEEL CORPORATION
	DEBUTTS, JOHN D.
	WESTINGHOUSE ELECTRIC CORPORATION
OTIS ELEVATOR CO.	MILLISEN, ROGER
	CHARTER NEW YORK CORP.
	WELLER, RALPH A.
PRATT & WHITNEY AIRCRAFT OF CANADA, LTD.	
UNITED TECHNOLOGIES CORP.	AETNA LIFE AND CASUALTY COMPANY
	SMITH, OLCOTT D.
	CHARTER NEW YORK CORP.
	WELLER, RALPH A.
	CITICORP
	SPENCER, WILLIAM I.
	MORGAN, J. P., AND CO., INC.
	SMITH, OLCOTT D.
	NORTHEAST UTILITIES
	HENNESSY, EDWARD L., JR.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	TRAVELERS INSURANCE COMPANY
	FORD, T. MITCHELL
	HEWITT, DAVID C.
	SMITH, ARTHUR E.
	WILKINS, ROGER C.
HARNES, EDWARD G.	
PROCTER AND GAMBLE COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	SPEED, EDGAR B.
	CITICORP
	OELMAN, ROBERT S.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GENERAL MOTORS CORP.
	MORGANS, HOWARD J.
	GOODYEAR TIRE AND RUBBER COMPANY
	GEIR, PHILLIP O., JR.
	HARPER, JOHN DICKESON
	MELLON NATIONAL CORPORATION
	HARPER, JOHN DICKESON
	METROPOLITAN LIFE INSURANCE COMPANY
	HARPER, JOHN DICKESON
	MORGAN, J. P., AND CO., INC.
	MORGANS, HOWARD J.
	TRANS WORLD AIRLINES, INC.
	MCGHEE, GEORGE C.
	UNITED STATES STEEL CORPORATION
	SPEED, EDGAR B.
JAMIESON, J. F.	
CORPORATE PROPERTY INVESTORS, INC.	GOODYEAR TIRE AND RUBBER COMPANY
CRUTCHER RESOURCES CORP.	HARPER, JOHN DICKESON
	MELLON NATIONAL CORPORATION
	HARPER, JOHN DICKESON
	METROPOLITAN LIFE INSURANCE COMPANY
	HARPER, JOHN DICKESON
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
EQUITABLE LIFE ASSURANCE	AMERICAN AIR LINES, INC.
	BURR, FRANCIS H.
	FLEISCHMANN, MANLY
	BURLINGTON NORTHERN, INC.
	HENDRICKSON, ROBERT M.
	CHASE MANHATTAN CORP.
	EWLUND, C. G.
	CITICORP
	SHELDON, ELEANOR H. B.
	CONSOLIDATED EDISON CO OF NEW YORK
	MUMFORD, MILTON C.
	CONTINENTAL OIL COMPANY
	BUCK, C. W.
	FORD MOTOR CO.
	WHARTON, CLIFTON R.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	AGEE, WILLIAM M.
	MELLON NATIONAL CORPORATION
	FISHER, A. W.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	WOOLWORTH, F. W., CO.
	JAMES, GEORGE F.
MERCANTILE TEXAS CORP	
KAUFFMAN, HOWARD C.	AMERICAN EXPRESS COMPANY
CHASE MANHATTAN CORP.	FITZLAUD, RICHARD M.
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONTINENTAL CORPORATION, THE
	BARBER, CHARLES F.
	LILLEY, ROBERT D.
	EQUITABLE LIFE ASSURANCE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF EXXON CORPORATION

EKLUND, C. G.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
GENERAL MOTORS CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
INTERNATIONAL BUSINESS MACHINES CORP.
HARRIS, PATRICIA R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
SEARS, ROEBUCK AND CO.
PACE, NORMA T.
STANDARD OIL COMPANY OF INDIANA
SWEARINGEN, JOHN E.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.

LONG, FRANKLIN A.
INMONT CORP.

MACNAUGHTON, DONALD S.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.

PRUDENTIAL INSURANCE CO. OF AMERICA
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
GENERAL ELECTRIC COMPANY
PIEPCE, SAMUEL RILEY, JR.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
FOSTER, MARGERY SOMMERS
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EXXON CORPORATION

PETERSON, MARtha E.
FIRST WISCONSIN CORP.

WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SMITH, E. G.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.

METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHAPTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
BOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

UNITED BANK OF ILLINOIS, N. A.
PIERCY, GEORGE T.
ARABIAN OIL CO./
APAMCO
CHEMICAL BANK

CHEMICAL NEW YORK CORP OFATION
GENERAL MOTORS CORP.
JENSEN, REUBEN R.
AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
FENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR EXXON CORPORATION

METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

WOLFF VON AMERONGEN, OTTO
OTTO WOLFF A.G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF FEDERATED DEPARTMENT STORES, INC.

ANDERSON, ROSS F.
BERMAN, MILTON S.
ASSOCIATED CREDIT SERVICES
HOUSTON HOUSING DEVELOPMENT CORP.
BROCKEY, HAROLD
NATIONAL BANK OF GEORGIA
DENNLER, WILLIAM H.
ADVANCE INVESTORS CORP.
RAYBESTOS-MANHATTAN, INC.
FIELD, HAL W.
CITY NATIONAL BANK & TRUST CO.
GOLD CIRCLE STORES
TASCO INDUSTRIES INC.
WILLIAMS, W. W., CO.
FIGGINS, W. P.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
GAVIN, JAMES M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HANIFY, EDWARD B.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
GIFFORD, NELSON S.
HILL, RICHARD DEVEREUX
MERCER, WILLIAM C.
MOCKLER, COLMAN M., JR.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
MASSACHUSETTS MERCHANTS, INC.
GOLDFEDER, HOWARD
GRUENTHER, GENERAL ALFRED M.
DART INDUSTRIES, INC.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
UAL, INC.
BARKES, CURTIS
CARLSON, EDWARD E.
DART, JUSTIN W.
WELLS FARGO AND COMPANY
COPELY, HELEN K.
HOLLAND, JEROME HEARTWELL
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEKACO, INC.
MCGILL, WILLIAM J. (DR.)
UNITED STATES STEEL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FEDERATED DEPARTMENT STORES, INC.

CHRYSLER CORPORATION

DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
BANKAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPLE, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.

CONTINENTAL CORPORATION, THE

CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
MANUFACTURERS HANOVER CORPORATION
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
WILSON, F. PERRY

CYLBRO CORP.
GENERAL FOODS CORP.

AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FEDERATED DEPARTMENT STORES, INC.

PILLIOD, CHARLES JULE, JP.
 NEW YORK LIFE INSURANCE COMPANY
 FINLEY, JAMES D.
 HAUGE, GABRIEL
 MITCHELL, DAVID W.
 SEAPS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 SOUTHEPN PACIFIC COMPANY
 MUNROE, GEORGE B.
 UNION CARBIDE CORPORATION
 WILSON, F. PERRY
 UNITED STATES STEEL CORPORATION
 BEERS, WILLIAM O.
 WESTINGHOUSE ELECTRIC CORPORATION
 MCGILLICUDDY, JOHN F.
 WHITMAN, MARINA V. N.
 NEW YORK STOCK EXCHANGE
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BATTEN, WILLIAM M.
 GENERAL MOTORS CORP.
 ROCHE, JAMES M.
 MARINE MIDLAND BANKS, INC.
 OWENS, CORNELIUS W.
 PENNEY, J. C., CO., INC.
 BATTEN, WILLIAM M.
 MACBAIN, GAVIN KEITH
 UNION CARBIDE CORPORATION
 CHASE MANHATTAN CORP.
 FERGUSON, JAMES L.
 CONTINENTAL CORPORATION, THE
 WILSON, F. PERRY
 MANUFACTURERS HANOVER CORPORATION
 WILSON, F. PERRY
 METROPOLITAN LIFE INSURANCE COMPANY
 MASON, BIRNEY, JR.
 SNEATH, WILLIAM S.
 MORGAN, J. P., AND CO., INC.
 BROWN, P. MANNING, JR.
 NEW YORK LIFE INSURANCE COMPANY
 BROWN, R. MANNING, JR.
 PENNEY, J. C., CO., INC.
 JACKSON, JACK B.
 ZURN INDUSTRIES, INC.
 JOHNSON, H. W.
 CHAMPION INTERNATIONAL CORP.
 ATLANTIC RICHFIELD COMPANY
 BRADSHAW, THORNTON F.
 FIRST NATIONAL BOSTON CORP.
 CHAPPIE, ROBERT A.
 GOODYEAR TIRE AND RUBBER COMPANY
 GERSTENMAIER, JOHN H.
 RCA CORP.
 BRADSHAW, THORNTON F.
 SECURITY PACIFIC CORP.
 BRADSHAW, THORNTON F.
 WESTINGHOUSE ELECTRIC CORPORATION
 BENDETSEN, KARL R.
 DUPONT, E. I., DE NEMOURS AND CO.
 AMERICAN STORES COMPANY
 HECHERT, RICHARD E.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BROWN, CHARLES L.
 BANKAMERICA CORPORATION
 BRIMMER, ANDREW F.
 BETHLEHEM STEEL CORPORATION
 MCCOY, CHARLES B.
 CHEMICAL NEW YORK CORPORATION
 BROWN, CHARLES L.
 CITICORP
 SHAPIRO, IRVING S.
 CONTINENTAL OIL COMPANY
 JONES, GILBERT E.
 INTERNATIONAL BUSINESS MACHINES CORP.
 JONES, GILBERT E.
 SHAPIRO, IRVING S.
 INTERNATIONAL HARVESTER COMPANY
 BRIMMER, ANDREW F.
 UAL, INC.
 BRIMMER, ANDREW F.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 AMERICAN ELECTRIC POWER COMPANY, INC.
 GAVIN, JAMES M.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HANIFY, EDWARD B.
 FIRST NATIONAL BOSTON CORP.
 BLEICKEN, GERHARD D.
 GIFFORD, NELSON S.
 HILL, RICHARD DEVEREUX
 MERCER, WILLIAM C.
 MOCKLER, COLMAN M., JR.
 FLORIDA POWER AND LIGHT COMPANY
 BENNETT, GEORGE F.
 FORD MOTOR CO.
 BENNETT, GEORGE F.
 MIDDLE SOUTH UTILITIES, INC.
 BENNETT, GEORGE F.
 MASS. INST. OF TECHNOLOGY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FEDERATED DEPARTMENT STORES, INC.
MORGAN, J. P., AND CO., INC. AETNA LIFE AND CASUALTY COMPANY

SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

KRENSKY, HAROLD
ASSOCIATED MERCHANDISING CORP.
LIBERTY MUTUAL FIRE INSURANCE CO.
LIBERTY MUTUAL INSURANCE CO.
NORLIN CORP.

LACHMAN, LAWRENCE
AMERICAN CAN COMPANY

PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.
FIRST NATIONAL BOSTON CORP.
BRIGHT, WILLARD M.
MASON, AUSTIN B.
MELLON NATIONAL CORPORATION
WILCOCK, JAMES W.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.
CHASE MANHATTAN CORP.
MACOMBER, JOHN D.
TRAVELERS INSURANCE COMPANY
SHAPIRO, ELI

AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
WALLACE, MARTHA REDFIELD
BANKERS TRUST NEW YORK CORP
MAY, WILLIAM F.
MOORE, WILLIAM H.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BROOKFIELD, DUTTON
SEARS, ROEBUCK AND CO.
TELLING, EDWARD R.
BANK OF NEW YORK COMPANY, INC. INTERNATIONAL BUSINESS MACHINES CORP.
OPEL, JOHN R.

BLOOMINGDALE BROS.
DRY DOCK SAVINGS BANK

ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
MANUFACTURERS HANOVER CORPORATION
MITCHELL, DAVID W.
NEW YORK LIFE INSURANCE COMPANY
MITCHELL, DAVID W.
PENNEY, J. C., CO., INC.
AXELSON, KENNETH S.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.

LANDSMAN, HERBERT H.
ASSOCIATED MERCHANDISING CORP.
CLOPAY CORPORATION
HOLIDAY INNS, INC.
AMERICAN EXPRESS COMPANY
OWEN, RALPH

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FEDERATED DEPARTMENT STORES, INC.

KEYES FIBER CO.

WESTERN ELECTRIC CO., INC.

GUSHMAN, JOHN LOUIS

WOOLWORTH, F. W., CO.

GUSHMAN, JOHN LOUIS

LAZARUS, CHARLES Y.

ASSOCIATED MERCHANDISING CORP.

F & R LAZARUS CO.

FEDERAL RESERVE BANK OF CLEVELAND

PROCTER AND GAMBLE COMPANY

SHEPARD, HORACE A.

WESTINGHOUSE ELECTRIC CORPORATION

KIREY, ROBERT E.

INTERSTATE STORES, INC.

MIDLAND MUTUAL LIFE INSURANCE CO.

LAZARUS, MAUFICE

ITEK CORPORATION

EASTERN AIRLINES, INC.

WOODWARD, HARPER

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

BANKERS TRUST NEW YORK CORP

MCCULLOUGH, DONALD F.

COLUMBIA GAS SYSTEM

LAIRD, W. FREDERICK

NORTHEAST UTILITIES

STEIGER, ALBERT E., JR.

NEW ENGLAND TELEPHONE & TELEGRAPH CO.

FIRST NATIONAL BOSTON CORP.

HILL, RICHARD DEVEREUX

MERCER, WILLIAM C.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

HILL, RICHARD DEVEREUX

MERCER, WILLIAM C.

WASHBURN, H. B., JR.

LAZARUS, RALPH

CHASE MANHATTAN CORP.

AMERICAN EXPRESS COMPANY

FURLAUD, RICHARD M.

CHRYSLER CORPORATION

DILLWORTH, J. RICHARDSON

HEWLETT, WILLIAM R.

CONTINENTAL CORPORATION, THE

BARBER, CHARLES F.

LILLEY, ROBERT D.

EQUITABLE LIFE ASSURANCE

EKLUND, C. G.

EXXON CORPORATION

KAUFFMAN, HOWARD C.

GENERAL MOTORS CORP.

CONNOR, JOHN T.

SMITH, J. STANFORD

INTERNATIONAL BUSINESS MACHINES CORP.

HARRIS, PATRICIA R.

METROPOLITAN LIFE INSURANCE COMPANY

SHINN, RICHARD R.

NORTHWEST AIRLINES, INC.

BINGER, JAMES H.

SEARS, ROEBUCK AND CO.

PAGE, NORMA T.

STANDARD OIL COMPANY OF INDIANA

SWEARINGEN, JOHN E.

UNION CARBIDE CORPORATION

FERGUSON, JAMES L.

UNITED STATES STEEL CORPORATION

MYERS, CHARLES F., JR.

GENERAL ELECTRIC COMPANY

AMERICAN EXPRESS COMPANY

HENLEY, HENRY H., JR.

CHEMICAL NEW YORK CORPORATION

HILLMAN, HENRY L.

CITICORP

WRISTON, WALTER B.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

DANCE, WALKER D.

MANUFACTURERS HANOVER CORPORATION

HENLEY, HENRY H., JR.

MORGAN, J. P., AND CO., INC.

AUSTIN, J. PAUL

DICKEY, CHARLES D., JR.

PRESTON, LEWIS T.

PENNEY, J. C., CO., INC.

WRISTON, WALTER B.

PRUDENTIAL INSURANCE CO. OF AMERICA

PIERCE, SAMUEL RILEY, JR.

SAFEGWAY STORES, INC.

BOSWELL, JAMES G., II

SECURITY PACIFIC CORP.

BOSWELL, JAMES G., II

SOUTHERN PACIFIC COMPANY

LITTLEFIELD, EDMUND W.

WELLS FARGO AND COMPANY

LITTLEFIELD, EDMUND W.

SCOTT PAPER CO.

GENERAL ELECTRIC COMPANY

DICKEY, CHARLES D., JR.

INTERNATIONAL BUSINESS MACHINES CORP.

SCRANTON, WILLIAM W.

MORGAN, J. P., AND CO., INC.

DICKEY, CHARLES D., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FEDERATED DEPARTMENT STORES, INC.

NORFOLK AND WESTERN RAILWAY COMPANY
SUTPHIN, SAMUEL REID
UAL, INC.
JENKINS, WILLIAM M.

LEBLOND, DANIEL W.
EAGLE PITCHER INDUSTRIES, INC. PROCTER AND GAMBLE COMPANY
BARRETT, CHARLES M.

EMERY INDUSTRIES
FIFTH THIRD BANCORP
LEBLOND, INC. CHEMICAL NEW YORK CORPORATION
LEBLOND, RICHARD K., II

OHIO NATIONAL LIFE INSURANCE CO.
LINGLE, WALTER L., JR.
FIFTH THIRD BANCORP
PROCTER AND GAMBLE CO.

REYNOLDS, R. J., INDUSTRIES, INC. MANUFACTURERS HANOVER CORPORATION
WHITMAN, MARINA V. N.
WESTINGHOUSE ELECTRIC CORPORATION
WHITMAN, MARINA V. N.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DAVIS, ARCHIE K.
CHASE MANHATTAN CORP.
MACOMBER, JOHN D.
MYERS, CHARLES F., JR.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BUTLER, A. L., JR.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.

RICHARDSON MERRELL INC.

PETERSON, PETER G.
BLACK AND DECKER MANUFACTURING COMPANY
CHESSIE SYSTEM, INC.
DECKER, ALONZO G., JR.
WATKINS, HAYS T.
EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.

FIREMAN'S FUND INSURANCE CO. AMERICAN EXPRESS COMPANY
CLARK, HOWARD L.
DUBAIN, MYRON
LOEBBECKE, ERNEST J.
ROBINSON, JAMES D., III
MOBIL CORPORATION
CLARK, HOWARD L.
PACIFIC GAS AND ELECTRIC COMPANY
EAMES, ALFRED W.
GERDES, ROBERT H.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
HOLLAND, JEROME HEARTWELL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
POP FEDERATED DEPARTMENT STORES, INC.

INDUSTRIAL INDEMNITY CO.

UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
BRIDGES, ROBERT L.
LITTLEFIELD, EDMUND W.

LEHMAN CORP., THE

EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.
MARINE MIDLAND BANKS, INC.
PETTY, JOHN ROBERT
PAN AMERICAN WORLD AIRWAYS, INC.
SEAWELL, WILLIAM T.
RCA CORP.
PETTY, JOHN ROBERT
UNION CARBIDE CORPORATION
HESTER, JAMES M.

MINNESOTA MINING & MANUFACTURING CO.

CATERPILLAR TRACTOR COMPANY
MORGAN, LEE L.
CHASE MANHATTAN CORP.
BINGER, JAMES H.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
FIRST CHICAGO CORPORATION
MORGAN, LEE L.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
HERZOG, RAYMOND H.
UNITED STATES STEEL CORPORATION
HERZOG, RAYMOND H.

SHOPE, T. SPENCER

CLUETT PEABODY AND CO., INC.

AMERICAN EXPRESS COMPANY
CLARK, HOWARD L.
HENLEY, HENRY H., JR.
BANKERS TRUST NEW YORK CORP
GELB, RICHARD L.
EASTERN AIRLINES, INC.
FALL, FLOYD D.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MOBIL CORPORATION
CLARK, HOWARD L.
EAGLE PITCHER INDUSTRIES, INC. PROCTER AND GAMBLE COMPANY
BARRETT, CHARLES M.

WALSH, EUGENE

WRISTON, KATHRYN D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIDELITY MANAGEMENT AND RESEARCH CO.

BYRNES, WILLIAM LEO
JOHNSON, EDWARD CROSBY, II
JOHNSON, EDWARD CROSBY, III
LORING, CALEB, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST BANK SYSTEM, INC.

ANKENY, DEWALT H., JR.

FRAME, CLARENCE G.

CORNELIUS COMPANY

CBS, INC.

PHILLIPS, JOHN

MURPHY MOTOR FREIGHT LINES, INC.

WEBB CO.

HERZOG, RAYMOND H.

MINNESOTA MINING & MANUFACTURING CO.

CATERPILLAR TRACTOR COMPANY

MORGAN, LEE L.

CHASE MANHATTAN CORP.

BINGER, JAMES H.

FEDERATED DEPARTMENT STORES, INC.

PETERSON, PETER G.

FIRST CHICAGO CORPORATION

MORGAN, LEE L.

NORTHWEST AIRLINES, INC.

BINGER, JAMES H.

NORTHWEST AIRLINES, INC.

CHASE MANHATTAN CORP.

BINGER, JAMES H.

METROPOLITAN LIFE INSURANCE COMPANY

LAIRD, M. R.

NORTHWEST BANCORPORATION

MCNEELEY, DONALD G.

PHILLIPS PETROLEUM COMPANY

LAIRD, M. R.

UNITED STATES STEEL CORPORATION

AETNA LIFE AND CASUALTY COMPANY

FILER, JOHN H.

RODERICK, DAVID M.

AMERICAN AIR LINES, INC.

BEERS, WILLIAM O.

AMERICAN EXPRESS COMPANY

MARTIN, WILLIAM MCCHESENEY, JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DEBUTTS, JOHN D.

SPEER, EDGAR B.

CATERPILLAR TRACTOR COMPANY

MARTIN, WILLIAM MCCHESENEY, JR.

SCRIVENER, ROBERT CARLTON

CHARTER NEW YORK CORP.

SMILEY, DONALD B.

CHASE MANHATTAN CORP.

MYERS, CHARLES F., JR.

CHEMICAL NEW YORK CORPORATION

WALKER, WILBERT A.

CITICORP

DEBUTTS, JOHN D.

EASTMAN KODAK COMPANY

MEYER, JOHN M., JR.

GENERAL MOTORS CORP.

BRANCH, HARLEE, JR.

DEBUTTS, JOHN D.

INTERNATIONAL BUSINESS MACHINES CORP.

MARTIN, WILLIAM MCCHESENEY, JR.

MANUFACTURERS HANOVER CORPORATION

BEERS, WILLIAM O.

MELLON NATIONAL CORPORATION

GOTT, EDWIN H.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

PROCTER AND GAMBLE COMPANY

SPEER, EDGAR B.

RCA CORP.

SMILEY, DONALD B.

SEARS, ROEBUCK AND CO.

BEERS, WILLIAM O.

WALTER, JIM, CORP.

GENERAL TELEPHONE AND ELECTRONICS CORP.

WALTER, JAMES W.

MCELWAIN, JOSEPH A.

MENK, LOUIS W.

ASARCO, INC.

CHASE MANHATTAN CORP.

BARBER, CHARLES F.

BUTCHER, WILLARD C.

CONTINENTAL CORPORATION, THE

BARBER, CHARLES F.

SOUTHERN RAILWAY COMPANY

BOND, WILLIAM ROBERT

EQUITABLE LIFE ASSURANCE

HENDRICKSON, ROBERT M.

MORGAN, J. P., AND CO., INC.

DAVISON, DANIEL P.

NEW YORK LIFE INSURANCE COMPANY

BUDD, J. M.

NORTHWEST BANCORPORATION

DOWNING, ROBERT W.

FIRST CHICAGO CORPORATION

ATLANTIC RICHFIELD COMPANY

ANDERSON, ROBERT O.

FREEMAN, GAYLORD

INGERSOLL, ROBERT S.

CATERPILLAR TRACTOR COMPANY

INGERSOLL, ROBERT S.

MORGAN, LEE L.

COMMONWEALTH EDISON

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF FIRST BANK SYSTEM, INC.

	AYERS, THOMAS G.
	MCCORMICK, BROOKS
	PRINCE, WILLIAM WOOD
	SWIFT, A. DEAN
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	GENERAL MOTORS CORP.
	SIVAGE, GERALD A.
	INTERNATIONAL HARVESTER COMPANY
	MCCORMICK, BROOKS
	METROPOLITAN LIFE INSURANCE COMPANY
	SIVAGE, GERALD A.
	SANTA FE INDUSTRIES, INC.
	WOELFLE, ARTHUR W.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
	UAL, INC.
	CARLSON, EDWARD E.
	STUART, ROBERT D., JR.
GENERAL MILLS, INC.	BURLINGTON NORTHERN, INC.
	PARKER, PAUL H.
	GENERAL MOTORS CORP.
	TERRELL, RICHARD L.
	NORTHWEST BANCORPORATION
	MORRISON, JOHN W.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	MCFARLAND, JAMES P.
GREAT MIDWEST CORP	
INTERNATIONAL HARVESTER COMPANY	
	BANKAMERICA CORPORATION
	BRIMMER, ANDREW F.
	COMMONWEALTH EDISON
	MCCORMICK, BROOKS
	CONTINENTAL ILLINOIS CORPORATION
	ANDERSON, ROGER E.
	POTTER, KEITH R.
	DUPONT, E. I., DE NEMOURS AND CO.
	BRIMMER, ANDREW F.
	EASTMAN KODAK COMPANY
	ANDERSON, ROGER E.
	FIRST CHICAGO CORPORATION
	MCCORMICK, BROOKS
	NORTHWEST BANCORPORATION
	SPENCER, EDSON W.
	SANTA FE INDUSTRIES, INC.
	RATTALIATA, JOHN T.
	UAL, INC.
	BRIMMER, ANDREW F.
	WESTERN ELECTRIC CO., INC.
	RATTALIATA, JOHN T.
MINNESOTA MUTUAL LIFE INS. CO.	NORTHWEST AIRLINES, INC.
	NYROP, DONALD W.
NASON, PHILIP H.	
BURLINGTON NORTHERN, INC.	
	EQUITABLE LIFE ASSURANCE
	HENDRICKSON, ROBERT M.
	FIRST CHICAGO CORPORATION
	MENK, LOUIS W.
	INTERNATIONAL HARVESTER COMPANY
	MENK, LOUIS W.
	MORGAN, J. P., AND CO., INC.
	DAVISON, DANIEL P.
	NEW YORK LIFE INSURANCE COMPANY
	BUDD, J. M.
	NORTHWEST BANCORPORATION
	DOWNING, ROBERT W.
CENTRAL RESEARCH LABORATORIES, INC.	
DAYTON-HUDSON CORP.	
	BURLINGTON NORTHERN, INC.
	DAYTON, DONALD C.
	DETROIT EDISON COMPANY
	HUDSON, JOSEPH L., JR.
	GENERAL MOTORS CORP.
	KEHRL, HOWARD H.
	NATIONAL DETROIT CORPORATION
	HUDSON, JOSEPH L., JR.
	NORTHWEST BANCORPORATION
	SPOOR, WILLIAM H.
GREEN GIANT CO.	
SPH HOTEL CO.	
TORO MANUFACTURING CORP.	
	PRUDENTIAL INSURANCE CO. OF AMERICA
	MCFARLAND, JAMES P.
NYROP, DONALD W.	
GOULD, INC.	
	CONSUMERS POWER COMPANY
	COLE, EDWARD N.
	CONTINENTAL ILLINOIS CORPORATION
	POTTER, KEITH R.
	FIRST CHARTER FINANCIAL CORP.
	HANSBERGER, ROBERT V.
	INTERNATIONAL HARVESTER COMPANY
	POTTER, KEITH R.
	NORTHWEST AIRLINES, INC.
	WAKEFIELD, LYMAN E., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST BANK SYSTEM, INC.
HONEYWELL, INC.

ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CHASE MANHATTAN CORP.
BINGER, JAMES H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
FIRST NATIONAL BOSTON CORP.
CHARPIE, ROBERT A.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
NORTHWEST BANCORPORATION
SPOOR, WILLIAM H.

MINNESOTA MUTUAL LIFE INS. CO. BURLINGTON NORTHERN, INC.
MENK, LOUIS W.

FIRST CHICAGO CORPORATION
MENK, LOUIS W.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.

NORTHWEST AIRLINES, INC.

CHASE MANHATTAN CORP.
BINGER, JAMES H.
METROPOLITAN LIFE INSURANCE COMPANY
LAIRD, M. R.
NORTHWEST BANCORPORATION
MCNEELEY, DONALD G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
UNITED STATES STEEL CORPORATION
HERZOG, RAYMOND H.

NORTHWESTERN BELL TELEPHONE CO.

CHASE MANHATTAN CORP.
BINGER, JAMES H.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
NORTHWEST BANCORPORATION
PILLSBURY, JOHN S., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
MCFARLAND, JAMES P.

PASLEY, MAX W.
SPANGLE, CLAFENCE W.
HONEYWELL, INC.

ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CHASE MANHATTAN CORP.
BINGER, JAMES H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
FIRST NATIONAL BOSTON CORP.
CHARPIE, ROBERT A.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
NYROP, DONALD W.
NORTHWEST BANCORPORATION
SPOOR, WILLIAM H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHARTER FINANCIAL CORP.

BOOTH, JOHN T.,
BLYTH EASTMAN DILLON & CO.
SCM CORP.
CLARK, BRADBURY
SOUTHERN CALIFORNIA WATER CO.
DIFFEN, C. S.
FREEMAN, ALWYN V.
HANSBERGER, ROBERT V.
ALBERTSON'S INC.
FUTURA INDUSTRIES CORP.
GOULD, INC.

CONSUMERS POWER COMPANY
COLE, EDWARD N.
CONTINENTAL ILLINOIS CORPORATION
POTTER, KEITH R.
FIRST BANK SYSTEM, INC.
NYROP, DONALD W.
INTERNATIONAL HARVESTER COMPANY
POTTER, KEITH R.
NORTHWEST AIRLINES, INC.
NYROP, DONALD W.
WAKEFIELD, LYMAN E., JR.

HEATH TECNA CORP.
IDAHO POWER CO.

CONTINENTAL CORPORATION, THE
JOHNSON, HAROLD E.

VSI CORP.
WESTERN PACIFIC INDUSTRIES INC.

WELLS FARGO AND COMPANY
FULLER, W. P., III

KEMPNER, THOMAS L.
CRANES ELECTRONICS
GENERAL INSTRUMENT CORP.
HEALTHCO, INC.

LOEWS CORPORATION
POLLACK, LESTER
TISCH, PRESTON ROBERT

LOEH, THOADES & CO., INC.
SEMTECH CORP.
KLFELD, CAROLYN MARY
POPEJOY, WILLIAM J.
SWAEBE, GEOFFREY
TAPER, JANICE ANNE
TAPER, S. MARK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

ABBOUD, ROBERT A.

FIRST NATIONAL BANK OF CHICAGO
HART SCHAFFNER & MARX

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.
BURLINGTON NORTHERN, INC.
SMITH, JOHN F., JR.
CONTINENTAL ILLINOIS CORPORATION
TENENBAUM, MICHAEL
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
GENERAL ELECTRIC COMPANY
HOVDE, FREDERICK L.

INLAND STEEL CO.

STANDARD OIL COMPANY OF INDIANA

BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
CHASE MANHATTAN CORP.
SWEARINGEN, JOHN E.
CHEMICAL NEW YORK CORPORATION
WOOD, RICHARD D.
COMMONWEALTH EDISON
WRIGHT, JOSEPH S.
CONTINENTAL ILLINOIS CORPORATION
MALOTT, ROBERT R.
WRIGHT, JOSEPH S.
YARRINGTON, BLAINE J.

ANDERSON, ROBERT O.

ATLANTIC RICHFIELD COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CBS, INC.
STANTON, FRANK
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
PAN AMERICAN WORLD AIRWAYS, INC.
KENDALL, DONALD M.
STANTON, FRANK
FCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.

AYERS, THOMAS G.

COMMONWEALTH EDISON

BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
CONTINENTAL ILLINOIS CORPORATION
COREY, GORDON R.
WRIGHT, JOSEPH S.
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
METROPOLITAN LIFE INSURANCE COMPANY
JOHNSON, G. E.
SEARS, ROEBUCK AND CO.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.

NORTHWEST INDUSTRIES, INC.

ATLANTIC RICHFIELD COMPANY
FREEMAN, GAYLORD
CONTINENTAL ILLINOIS CORPORATION
BERE, JAMES F.
AETNA LIFE AND CASUALTY COMPANY
ROBICHAUD, BERYL (DR)
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
CHASE MANHATTAN CORP.
PACE, NORMA T.
CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
CITICORP

SEARLE, G. D., & CO.

SEARS, ROEBUCK AND CO.

SPENCER, WILLIAM I.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MORGAN, J. P., AND CO., INC.
SHULTZ, GEORGE P.
UNITED STATES STEEL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

TRIBUNE COMPANY	BEERS, WILLIAM O.
ZENITH RADIO CORP.	CONTINENTAL ILLINOIS CORPORATION
	RENEKER, ROBERT W.
	BETHLEHEM STEEL CORPORATION
	WRIGHT, JOSEPH S.
	COMMONWEALTH EDISON
	WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION
	WRIGHT, JOSEPH S.
	STANDARD OIL COMPANY OF INDIANA
	WRIGHT, JOSEPH S.
CARLSON, EDWARD E.	GENERAL MOTORS CORP.
ALUMINUM COMPANY OF AMERICA	MAYER, JOHN A.
	GOODYEAR TIRE AND RUBBER COMPANY
	HARPER, JOHN DICKESON
	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	MELLON NATIONAL CORPORATION
	GEORGE, W. H. KROME
	HARPER, JOHN DICKESON
	MAYER, JOHN A.
	PEARSON, NATHAN W.
	METROPOLITAN LIFE INSURANCE COMPANY
	HARPER, JOHN DICKESON
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
DART INDUSTRIES, INC.	FEDERATED DEPARTMENT STORES, INC.
	GRUENTHER, GENERAL ALFRED M.
	UAL, INC.
	BARKES, CURTIS
	DART, JUSTIN W.
	WELLS FARGO AND COMPANY
	COPELY, HELEN K.
DEERE & CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HEWITT, WILLIAM A.
	CHRYSLER CORPORATION
	FLEMING, ROBBEN W.
	CONTINENTAL ILLINOIS CORPORATION
	HEWITT, WILLIAM A.
	CONTINENTAL OIL COMPANY
	HEWITT, WILLIAM A.
	GOODYEAR TIRE AND RUBBER COMPANY
	SMITH, LLOYD B.
NEW ENGLAND FISH CO.	UAL, INC.
SEAFIRST CORP.	MULLIKIN, HARRY
UAL, INC.	BANKAMERICA CORPORATION
	BRIMMER, ANDREW F.
	CONSOLIDATED EDISON CO OF NEW YORK
	LUCE, CHARLES F.
	CONTINENTAL OIL COMPANY
	NORSTAD, LAURIS
	DUPONT, E. I., DE NEMOURS AND CO.
	BRIMMER, ANDREW F.
	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	METROPOLITAN LIFE INSURANCE COMPANY
	LUCE, CHARLES F.
	PACIFIC GAS AND ELECTRIC COMPANY
	COOLEY, RICHARD P.
	WELLS FARGO AND COMPANY
	COOLEY, RICHARD P.
UNIVAR CORP.	TRANSAMERICA CORPORATION
	NEUKOM, JOHN G.
WESTERN INTERNATIONAL HOTELS CO.	UAL, INC.
	FERRIS, RICHARD J.
	MULLIKIN, HARRY
DRICK, JOHN E.	
CENTRAL ILLINOIS PUBLIC SERVICE CO.	
MCA, INC.	AMERICAN AIR LINES, INC.
	WASSERMAN, LEW R.
	BANKAMERICA CORPORATION
	LUNDBORG, LOUIS B.
	SAFEGWAY STORES, INC.
	JONES, MARY GARDINER
	TRANS WORLD AIRLINES, INC.
	THORTON, CHARLES B.
	WESTERN BANCORPORATION
	THORTON, CHARLES B.
OAK INDUSTRIES, INC.	
OUTDOOR SPORTS INDUSTRIES, INC.	
STEPHAN CHEMICAL CO.	
FIELD, MARSHALL	
FIELD ENTERPRISES, INC.	
FREEMAN, GAYLORD	
ATLANTIC RICHFIELD COMPANY	AMERICAN ELECTRIC POWER COMPANY, INC.
	STANTON, FRANK
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	CBS, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

	STANTON, FRANK
	CHEMICAL NEW YORK CORPORATION
	PLACE, JOHN B. M.
	METROPOLITAN LIFE INSURANCE COMPANY
	PLACE, JOHN B. M.
	NEW YORK LIFE INSURANCE COMPANY
	STANTON, FRANK
	PAN AMERICAN WORLD AIRWAYS, INC.
	KENDALL, DONALD M.
	STANTON, FRANK
	RCA CORP.
	BRADSHAW, THORNTON F.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
BAXTER TRAVENOL LABORATORIES INC.	COMMONWEALTH EDISON
NORTHWEST INDUSTRIES, INC.	AYERS, THOMAS G.
	CONTINENTAL ILLINOIS CORPORATION
	BERE, JAMES F.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
TIME, INC.	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
	WATSON, THOMAS J., JR.
GRAHAM, WILLIAM B.	CHESSIE SYSTEM, INC.
BANK OF VIRGINIA CO.	DEANE, FREDERICK, JR.
	VEPCC
	MCGURN, JOHN M.
BAXTER TRAVENOL LABORATORIES INC.	ATLANTIC RICHFIELD COMPANY
	FREEMAN, GAYLORD
BELL & HOWELL CO.	CONTINENTAL ILLINOIS CORPORATION
	MALOTT, ROBERT H.
	MOBIL CORPORATION
	VAN DER EB, HENRY G.
	STANDARD OIL COMPANY OF INDIANA
	MALOTT, ROBERT H.
BORG WARNER CORP.	ATLANTIC RICHFIELD COMPANY
	INGERSOLL, ROBERT S.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	CONTINENTAL ILLINOIS CORPORATION
	KARNES, WILLIAM G.
DEERE & CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HEWITT, WILLIAM A.
	CHRYSLER CORPORATION
	FLEMING, ROBBEN W.
	CONTINENTAL ILLINOIS CORPORATION
	HEWITT, WILLIAM A.
	CONTINENTAL OIL COMPANY
	HEWITT, WILLIAM A.
	GOODYEAR TIRE AND RUBBER COMPANY
	SMITH, LLOYD B.
	UAL, INC.
	CARLSON, EDWARD E.
GENERAL MEDICAL CORP.	ATLANTIC RICHFIELD COMPANY
NORTHWEST INDUSTRIES, INC.	FREEMAN, GAYLORD
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	CONTINENTAL ILLINOIS CORPORATION
	BERE, JAMES F.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
GREY, JOHN D.	WELLS FARGO AND COMPANY
CASTLE & COOKE, INC.	MACNAUGHTON, MALCOLM
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BROWN, CHARLES L.
HART SCHAFFNER & MARX	BANKERS TRUST NEW YORK CORP
	BICKMORE, LEE S.
	CHEMICAL NEW YORK CORPORATION
	BROWN, CHARLES L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

	DUPONT, E. I., DE NEMOURS AND CO. BROWN, CHARLES L. STANDARD OIL COMPANY OF INDIANA ABBOUD, ROBERT A. WESTERN ELECTRIC CO., INC. BICKMORE, LEE S. UNION PACIFIC CORPORATION ROTH, ROBERT W. WESTERN BANCORPORATION ROTH, ROBERT W. VOSS, RALPH H.
JANTZEN INC.	ATLANTIC RICHFIELD COMPANY FREEMAN, GAYLORD COMMONWEALTH EDISON AYERS, THOMAS G. CONTINENTAL ILLINOIS CORPORATION BERE, JAMES F. SEARS, ROEBUCK AND CO. AYERS, THOMAS G. SOUTHERN PACIFIC COMPANY SWINDELLS, WILLIAM
NORTHWEST INDUSTRIES, INC.	BETHLEHEM STEEL CORPORATION WRIGHT, JOSEPH S. COMMONWEALTH EDISON WRIGHT, JOSEPH S. CONTINENTAL ILLINOIS CORPORATION WRIGHT, JOSEPH S. STANDARD OIL COMPANY OF INDIANA WRIGHT, JOSEPH S.
OMARK INDUSTRIES INC.	
PRECISION CASTPARTS CORP. SUNBEAM CORP.	
TEKTRONIX INC. UNITED COMPANIES FINANCIAL CORP. GWINN, ROBERT P. BALL CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY ELLINGHAUS, WILLIAM M. BANKERS TRUST NEW YORK CORP ELLINGHAUS, WILLIAM M. PENNEY, J. C., CO., INC. ELLINGHAUS, WILLIAM M. ATLANTIC RICHFIELD COMPANY INGERSOLL, ROBERT S. CATERPILLAR TRACTOR COMPANY INGERSOLL, ROBERT S. CONTINENTAL ILLINOIS CORPORATION KARNES, WILLIAM G. BETHLEHEM STEEL CORPORATION WRIGHT, JOSEPH S. COMMONWEALTH EDISON WRIGHT, JOSEPH S. CONTINENTAL ILLINOIS CORPORATION WRIGHT, JOSEPH S. STANDARD OIL COMPANY OF INDIANA WRIGHT, JOSEPH S.
BORG WARNER CORP.	
SUNBEAM CORP.	
HEINEMAN, BEN W. NORTHWEST INDUSTRIES, INC.	ATLANTIC RICHFIELD COMPANY FREEMAN, GAYLORD COMMONWEALTH EDISON AYERS, THOMAS G. CONTINENTAL ILLINOIS CORPORATION BERE, JAMES F. SEARS, ROEBUCK AND CO. AYERS, THOMAS G.
INGERSOLL, ROBERT S. ATLANTIC RICHFIELD COMPANY	AMERICAN ELECTRIC POWER COMPANY, INC. STANTON, FRANK CBS, INC. STANTON, FRANK CHEMICAL NEW YORK CORPORATION PLACE, JOHN B. M. METROPOLITAN LIFE INSURANCE COMPANY PLACE, JOHN B. M. NEW YORK LIFE INSURANCE COMPANY STANTON, FRANK PAN AMERICAN WORLD AIRWAYS, INC. KENDALL, DONALD M. STANTON, FRANK RCA CORP. BRADSHAW, THORNTON F. SECURITY PACIFIC CORP. BRADSHAW, THORNTON F. CONTINENTAL ILLINOIS CORPORATION KARNES, WILLIAM G. AMERICAN EXPRESS COMPANY MARTIN, WILLIAM MCCHESENEY, JR. WARNER, RAWLEIGH, JR. AMERICAN TELEPHONE AND TELEGRAPH COMPANY WARNER, RAWLEIGH, JR. CHEMICAL NEW YORK CORPORATION WARNER, RAWLEIGH, JR. EXXON CORPORATION FRANKLIN, WILLIAM H. INTERNATIONAL BUSINESS MACHINES CORP. MARTIN, WILLIAM MCCHESENEY, JR. MOBIL CORPORATION
BORG WAPNER COPP.	
CATERPILLAR TRACTOR COMPANY	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIPECTOR
FOR FIRST CHICAGO CORPORATION

	WARNER, PAWLEIGH, JR.
	SHELL OIL COMPANY
	BLACKIE, WILLIAM
	STANDARD OIL COMPANY OF CALIFORNIA
	PACKARD, DAVID
	TRANS WORLD AIRLINES, INC.
	PACKARD, DAVID
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
	SCRIVENER, ROBERT CARLTON
HONEYWELL, INC.	CHASE MANHATTAN CORP.
	BINGER, JAMES H.
	FIRST BANK SYSTEM, INC.
	NYROP, DONALD W.
	SPANGLE, CLARENCE W.
	FIRST NATIONAL BOSTON CORP.
	CHAPPIE, ROBERT A.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	NYROP, DONALD W.
	NORTHWEST BANCORPORATION
	SPOOR, WILLIAM H.
KRAFTCO CORP.	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	BANKERS TRUST NEW YORK CORP
	THAYER, WALTER N.
	CITICORP
	DEBUTTS, JOHN D.
	CONTINENTAL CORPORATION, THE
	ZIPP, GEORGE G.
	GENERAL MOTORS CORP.
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MCGILLICUDDY, JOHN F.
	ZIPP, GEORGE G.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	CLEARY, CATHERINE B.
	SANTA FE INDUSTRIES, INC.
	WOELFLE, ARTHUR W.
	SEARS, ROEBUCK AND CO.
	BEERS, WILLIAM O.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
	DEBUTTS, JOHN D.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
WEYERHAUSER COMPANY	BURLINGTON NORTHERN, INC.
	WILSON, ROBERT B.
	EQUITABLE LIFE ASSURANCE
	MILLER, O. N.
JACKS, FREDERICK G.	EQUITABLE LIFE ASSURANCE
CARSON PIRIE SCOTT & CO.	AVERY, W. H.
DONNELLEY, R. R., AND SONS CO.	CONTINENTAL ILLINOIS CORPORATION
	MITCHELL, MARVIN G.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	BERRY, HAROLD J.
	INTERNATIONAL HARVESTER COMPANY
	SMITH, HAROLD BYRON
	PHILLIPS PETROLEUM COMPANY
	MEEKEF, DAVID B.
INLAND STEEL CO.	BURLINGTON NORTHERN, INC.
	SMITH, JOHN F., JR.
	CONTINENTAL ILLINOIS CORPORATION
	TENENBAUM, MICHAEL
	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	GENERAL ELECTRIC COMPANY
	HOFDE, FREDERICK L.
	STANDARD OIL COMPANY OF INDIANA
	ABBODD, ROBERT A.
MCCORMICK, BBOOKS	BETHLEHEM STEEL CORPORATION
COMMONWEALTH EDISON	WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION
	COREY, GORDON R.
	WRIGHT, JOSEPH S.
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	METROPOLITAN LIFE INSURANCE COMPANY
	JOHNSON, G. E.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	STANDARD OIL COMPANY OF INDIANA
	WRIGHT, JOSEPH S.
FSMARCK, INC.	CONTINENTAL ILLINOIS CORPORATION
	JOHNSON, WILLIAM B.
	RENEKER, ROBERT W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
MELLON NATIONAL CORPORATION
CASEY, SAMUEL B., JR.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
TRANS WORLD AIRLINES, INC.
CROWN, LESTER

INTERNATIONAL HARVESTER COMPANY
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
POTTER, KEITH R.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
NORTHWEST BANCORPORATION
SPENCER, EDSON W.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
UAL, INC.
BRIMMER, ANDREW F.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.

McKAY, NEIL
MORTON NORWICH PRODUCTS INC
MENK, LOUIS W.
ASARCO, INC.

BURLINGTON NORTHERN, INC.
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
BUTCHER, WILLARD C.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
SOUTHERN RAILWAY COMPANY
BOND, WILLIAM ROBERT
EQUITABLE LIFE ASSURANCE
HENDRICKSON, ROBERT M.
FIRST BANK SYSTEM, INC.
NASON, PHILIP H.
MORGAN, J. P., AND CO., INC.
DAVISON, DANIEL P.
NEW YORK LIFE INSURANCE COMPANY
BUDD, J. M.
NORTHWEST BANCORPORATION
DOWNING, ROBERT W.
BURLINGTON NORTHERN, INC.
NASON, PHILIP H.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
NYROP, DONALD W.
UNITED STATES STEEL CORPORATION
HERZOG, RAYMOND H.
BURLINGTON NORTHERN, INC.
PARKER, PAUL H.
GENERAL MOTORS CORP.
TERRELL, RICHARD L.
NORTHWEST BANCORPORATION
MORRISON, JOHN W.
PRUDENTIAL INSURANCE CO. OF AMERICA
MCFARLAND, JAMES P.

FIRST BANK SYSTEM, INC.

GENERAL MILLS, INC.

GREAT MIDWEST CORP
INTERNATIONAL HARVESTER COMPANY
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
COMMONWEALTH EDISON
MCCORMICK, BROOKS
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
POTTER, KEITH R.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
NORTHWEST BANCORPORATION
SPENCER, EDSON W.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
UAL, INC.
BRIMMER, ANDREW F.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.
MINNESOTA MUTUAL LIFE INS. CO.
FIRST BANK SYSTEM, INC.
NYROP, DONALD W.
NORTHWEST AIRLINES, INC.
NYROP, DONALD W.

MORGAN, LEE L.
CATERPILLAR TRACTOR COMPANY
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
WARNER, RAWLEIGH, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

	AMERICAN TELEPHONE AND TELEGRAPH COMPANY WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY INGERSOLL, ROBERT S.
	CHEMICAL NEW YORK CORPORATION WARNER, RAWLEIGH, JR.
	EXXON CORPORATION FRANKLIN, WILLIAM H.
	INTERNATIONAL BUSINESS MACHINES CORP. MARTIN, WILLIAM MCCHESENEY, JR.
	MOBIL CORPORATION WARNER, RAWLEIGH, JR.
	SHELL OIL COMPANY BLACKIE, WILLIAM
	STANDARD OIL COMPANY OF CALIFORNIA PACKARD, DAVID
	TRANS WORLD AIRLINES, INC. PACKARD, DAVID
	UNITED STATES STEEL CORPORATION MARTIN, WILLIAM MCCHESENEY, JR. SCRIVENER, ROBERT CARLTON
CENTRAL ILLINOIS LIGHT CO.	
COMMERCIAL NATIONAL CORP.	
MINNESOTA MINING & MANUFACTURING CO.	CHASE MANHATTAN CORP. BINGEF, JAMES H.
	FEDERATED DEPARTMENT STORES, INC. PETERSON, PETER G.
	FIRST BANK SYSTEM, INC. HERZOG, RAYMOND H.
	NORTHWEST AIRLINES, INC. BINGER, JAMES H.
	HERZOG, RAYMOND H.
	UNITED STATES STEEL CORPORATION HERZOG, RAYMOND H.
NEVIN, JOHN J.	
FMC FINANCE CORP.	AMERICAN ELECTRIC POWER COMPANY, INC. BOESCHENSTEIN, WILLIAM W.
	CHARTER NEW YORK CORP. STAUFFACHER, CHARLES B.
	KROGER COMPANY, THE BOESCHENSTEIN, WILLIAM W.
	MARINE MIDLAND BANKS, INC. HUBNER, ROBERT W.
ILLINOIS BELL TELEPHONE CO.	CONTINENTAL ILLINOIS CORPORATION BERE, JAMES F.
	INTERNATIONAL HARVESTER COMPANY LANTERMAN, JOSEPH B.
	MORGAN, GRAHAM J.
ZENITH RADIO CORP.	BETHLEHEM STEEL CORPORATION WRIGHT, JOSEPH S.
	COMMONWEALTH EDISON AYERS, THOMAS G.
	WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION WRIGHT, JOSEPH S.
	SEARS, ROEBUCK AND CO. AYERS, THOMAS G.
	STANDARD OIL COMPANY OF INDIANA WRIGHT, JOSEPH S.
PRINCE, WILLIAM WOOD	
BAPPER OIL CORP.	
COMMONWEALTH EDISON	BETHLEHEM STEEL CORPORATION WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION COREY, GORDON R.
	WRIGHT, JOSEPH S.
	INTERNATIONAL HARVESTER COMPANY MCCORMICK, BROOKS
	METROPOLITAN LIFE INSURANCE COMPANY JOHNSON, G. E.
	SEARS, ROEBUCK AND CO. AYERS, THOMAS G.
	SWIFT, A. DEAN
	STANDARD OIL COMPANY OF INDIANA WRIGHT, JOSEPH S.
DELTEC INTERNATIONAL, LTD.	BANKAMERICA CORPORATION DILLINGHAM, LOWELL S.
	FORD MOTOR CO. TAYLOR, A. THOMAS
	PAN AMERICAN WORLD AIRWAYS, INC. DILLINGHAM, LOWELL S.
EASTERN AIRLINES, INC.	CBS, INC. GILPATRIC, ROSWELL L.
	KROGER COMPANY, THE SMITH, EDWARD D.
GRACE, W. R., AND CO.	AMERICAN BROADCASTING COMPANIES JENKINS, GEORGE P.
	BETHLEHEM STEEL CORPORATION JENKINS, GEORGE P.
	CITICORP GRACE, J. PETER JENKINS, GEORGE P. MILLIKEN, ROGER

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

LAWTER CHEMICALS INC.
PRINCE, H. F. & CO., INC.
SIVAGE, GERALD A.
GENERAL MOTORS CORP.

EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
FIRST NATIONAL BOSTON CORP.
FOSTER, RAYMOND C.
MARINE MIDLAND BANKS, INC.
LARKIN, FELIX E.
OWENS, CORNELIUS W.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER

AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
BURLINGTON NORTHERN, INC.
BUDD, J. M.
COMMONWEALTH EDISON
ALLARD, JEAN
DICK, ALBERT BLAKE, III
NEW YORK LIFE INSURANCE COMPANY
BUDD, J. M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
SMITH, HAROLD BYRON, JR.
STANDARD OIL COMPANY OF INDIANA
BURNHAM, JOSEPH A.
WESTINGHOUSE ELECTRIC CORPORATION
BERCHER, HARRY O.

MARSHALL FIELD & CO.

METROPOLITAN LIFE INSURANCE COMPANY
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

	EXXON CORPORATION
	PETERSON, MARTHA E.
	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	GOODYEAR TIRE AND RUBBER COMPANY
	HARPER, JOHN DICKESON
	INTERNATIONAL BUSINESS MACHINES CORP.
	FUNSTON, G. KEITH
	MELLON NATIONAL CORPORATION
	HARPER, JOHN DICKESON
	MORGAN, J. P., AND CO., INC.
	BOUGHTON, J. R.
	NORTHWEST AIRLINES, INC.
	LAIRD, M. R.
	PACIFIC GAS AND ELECTRIC COMPANY
	SOLOMON, EMMETT G.
	PHILLIPS PETROLEUM COMPANY
	LAIRD, M. F.
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
	RCA CORP.
	SMILEY, DONALD B.
	UAL, INC.
	LUCE, CHARLES F.
	UNION CARBIDE CORPORATION
	MASON, BIRNEY, JR.
	SNEATH, WILLIAM S.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
STANDARD BRANDS, INC.	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	PATTERSON, ELLMORE C.
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
	MORGAN, J. P., AND CO., INC.
	PATTERSON, ELLMORE C.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
STUART, ROBERT D., JR.	CONTINENTAL ILLINOIS CORPORATION
QUAKER OATS CO.	WOOD, ARTHUR M.
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	MICHELSON, GERTRUDE G.
	SCRIBNER, GILBERT H., JR.
	SEARS, ROEBUCK AND CO.
	WOOD, ARTHUR M.
SHENANDOAH OIL CORP.	PRUDENTIAL INSURANCE CO. OF AMERICA
	MCFARLAND, JAMES P.
UAL, INC.	BANKAMERICA CORPORATION
	BRIMMER, ANDREW F.
	CONSOLIDATED EDISON CO OF NEW YORK
	LUCE, CHARLES F.
	CONTINENTAL OIL COMPANY
	NORSTAD, LAURIS
	DUPONT, E. I., DE NEMOURS AND CO.
	BRIMMER, ANDREW F.
	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	METROPOLITAN LIFE INSURANCE COMPANY
	LUCE, CHARLES F.
	PACIFIC GAS AND ELECTRIC COMPANY
	COOLEY, RICHARD P.
	WELLS FARGO AND COMPANY
	COOLEY, RICHARD P.
SWIFT, A. DEAN	CHEMICAL NEW YORK CORPORATION
ALLSTATE INSURANCE CO.	BUTTON, JAMES W.
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	SEARS, ROEBUCK AND CO.
	BOE, ARCHIE R.
	BUTTON, JAMES W.
	JONES, RICHARD M.
	KINCANNON, JACK F.
	LOCHMOELLER, WILLIAM C.
	LOWE, JOHN G.
	METCALF, GORDON M.
	MEYER, CHARLES A.
	PFADO, A. M.
	TELLING, EDWARD R.
	WOOD, ARTHUR M.
COMMONWEALTH EDISON	BETHLEHEM STEEL CORPORATION
	WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION
	COREY, GORDON R.
	WRIGHT, JOSEPH S.
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	INTERNATIONAL HARVESTER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION

	MCCORMICK, BROOKS
	METROPOLITAN LIFE INSURANCE COMPANY
	JOHNSON, G. E.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	STANDARD OIL COMPANY OF INDIANA
HOMART DEVELOPMENT CO.	WRIGHT, JOSEPH S.
	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	SEARS, ROEBUCK AND CO.
	BUTTON, JAMES W.
	KINCANNON, JACK F.
	METCALF, GORDON M.
	MEYER, CHARLES A.
	TELLING, EDWARD R.
	WOOD, ARTHUR M.
SEARS, ROEBUCK AND CO.	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	CHASE MANHATTAN CORP.
	PACE, NORMA T.
	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	CITICORP
	SPENCER, WILLIAM I.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MORGAN, J. P., AND CO., INC.
	SHULTZ, GEORGE P.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
THOMAS, RICHARD L.	LOEWS CORPORATION
CNA FINANCIAL CORP.	NOHA, EDWARD J.
	TISCH, PRESTON ROBERT
	PHILLIPS PETROLEUM COMPANY
	WILLIAMS, HAROLD M.
CONSOLIDATED FOODS CORPORATION	KRESGE, S. S., COMPANY
	MCCRACKEN, PAUL W.
	WELLS FARGO AND COMPANY
	GUGGENHIME, RICHARD E.
WOELFLE, ARTHUR W.	AMERICAN AIR LINES, INC.
KRAFTCO CORP.	BEERS, WILLIAM O.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	ATLANTIC RICHFIELD COMPANY
	INGERSOLL, ROBERT S.
	BANKERS TRUST NEW YORK CORP
	THAYER, WALTER N.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	CITICORP
	DEBUTTS, JOHN D.
	CONTINENTAL CORPORATION, THE
	ZIPF, GEORGE G.
	GENERAL MOTORS CORP.
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	MCGILLICUDDY, JOHN F.
	ZIPF, GEORGE G.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	CLEARY, CATHERINE B.
	SEARS, ROEBUCK AND CO.
	BEERS, WILLIAM O.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
	DEBUTTS, JOHN D.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
SANTA FE INDUSTRIES, INC.	AMERICAN ELECTRIC POWER COMPANY, INC.
	ZWIENER, KENNETH V.
	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
	GENERAL MOTORS CORP.
	PATTERSON, ELLMORE C.
	INTERNATIONAL HARVESTER COMPANY
	RATTALIATA, JOHN T.
	MORGAN, J. P., AND CO., INC.
	PATTERSON, ELLMORE C.
	UNION OIL COMPANY OF CALIFORNIA
	HALE, PRENTIS C.
	WESTERN ELECTRIC CO., INC.
	LAWRENCE, JOHN L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST CHICAGO CORPORATION
RATTALIATA, JOHN T.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST NATIONAL BOSTON CORP.

BLEICKEN, GERHARD D.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.

GAVIN, JAMES M.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HANIFY, EDWARD B.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.

FIGGINS, W. P.

JOHNSON, H. W.

FLORIDA POWER AND LIGHT COMPANY

BENNETT, GEORGE F.

FORD MOTOR CO.

BENNETT, GEORGE F.

MIDDLE SOUTH UTILITIES, INC.

BENNETT, GEORGE F.

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

LITTLE, ARTHUR D., INC.

AMERICAN ELECTRIC POWER COMPANY, INC.

FOLSOM, RICHARD G.

GAVIN, JAMES M.

CHARTER NEW YORK CORP.

SILLIN, LELAN F., JR.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

GAVIN, JAMES M.

NORTHEAST UTILITIES

SILLIN, LELAN F., JR.

PACIFIC GAS AND ELECTRIC COMPANY

HAIT, JAMES M.

BRIGHT, WILLARD M.

LIBERTY MUTUAL INSURANCE CO.

FEDERATED DEPARTMENT STORES, INC.

KRENSKY, HAROLD

MELLON NATIONAL CORPORATION

WILCOCK, JAMES W.

PAN AMERICAN WORLD AIRWAYS, INC.

ADAMS, CHARLES F.

BROWN, WILLIAM L.

GENERAL CINEMA CORP.

STANDEX INTERNATIONAL CORP.

STONE AND WEBSTER, INC.

CARTER, JOSEPH R.

AVCO CORP.

ATLANTIC RICHFIELD COMPANY

WILSON, KENDRICK R., JR.

CHEMICAL NEW YORK CORPORATION

FUNSTON, G. KEITH

INTERNATIONAL BUSINESS MACHINES CORP.

FUNSTON, G. KEITH

METROPOLITAN LIFE INSURANCE COMPANY

FUNSTON, G. KEITH

LIBERTY MUTUAL INSURANCE COMPANIES

STATE MUTUAL SECURITIES, INC.

WYMAN-GORDON CO.

CHARPIE, ROBERT A.

CABOT CORP.

CHAMPION INTERNATIONAL CORP.

ATLANTIC RICHFIELD COMPANY

BRADSHAW, THORNTON F.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.

JOHNSON, H. W.

GOODYEAR TIRE AND RUBBER COMPANY

GERSTENMAIER, JOHN H.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

JOHNSON, H. W.

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

RCA CORP.

BRADSHAW, THORNTON F.

SECURITY PACIFIC CORP.

BRADSHAW, THORNTON F.

WESTINGHOUSE ELECTRIC CORPORATION

BENDETSEN, KARL R.

GENERAL CINEMA CORP.

HONEYWELL, INC.

ATLANTIC RICHFIELD COMPANY

INGERSOLL, ROBERT S.

CATERPILLAR TRACTOR COMPANY

INGERSOLL, ROBERT S.

CHASE MANHATTAN CORP.

BINGER, JAMES H.

FIRST BANK SYSTEM, INC.

NYROP, DONALD W.

SPANGLE, CLARENCE W.

FIRST CHICAGO CORPORATION

INGERSOLL, ROBERT S.

NORTHWEST AIRLINES, INC.

BINGER, JAMES H.

NYROP, DONALD W.

NORTHWEST BANCORPORATION

SPOOR, WILLIAM H.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

KILLIAN, JAMES R., JR.

MITRE CORP.

SPRAGUE ELECTRIC CO.

FAREWELL, FRANK L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST NATIONAL BOSTON CORP.

AMERICAN MUTUAL INSURANCE CO.
ARKWRIGHT-BOSTON MANUFACTURERS MTL.
BOSTON EDISON CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HANIFY, EDWARD B.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
O'KEEFE, BERNARD J.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
GIFFORD, NELSON S.

DENNISON MANUFACTURING CO.

LIBERTY MUTUAL INSUR. CO.
FOSTER, RAYMOND C.
GRACE, W. R., AND CO.

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.

CITICORP

GRACE, J. PETER
JENKINS, GEORGE P.
MILLIKEN, ROGER

COMMONWEALTH EDISON

PRINCE, WILLIAM WOOD
EASTERN AIRLINES, INC.

PHALEN, CLIFTON W.

PRINCE, WILLIAM WOOD

FIRST CHICAGO CORPORATION

PRINCE, WILLIAM WOOD

MARINE MIDLAND BANKS, INC.

LARKIN, FELIX E.

OWENS, CORNELIUS W.

METROPOLITAN LIFE INSURANCE COMPANY

JENKINS, GEORGE P.

TRANSAMERICA CORPORATION

SHUMWAY, FORREST NELSON

WESTINGHOUSE ELECTRIC CORPORATION

MILLIKEN, ROGER

AMERICAN EXPRESS COMPANY

CLARK, HOWARD L.

STONE, WHITNEY

CITICORP

GRACE, J. PETER

MOBIL CORPORATION

CLARK, HOWARD L.

STONE & WEBSTER, INC.

GALLIGAN, THOMAS J., JR.
BOSTON EDISON CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HANIFY, EDWARD B.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

HANIFY, EDWARD B.

O'KEEFE, BERNARD J.

CABOT CORP.

CRAMER ELECTRONICS INC.

LIBERTY MUTUAL INSUR. CO.

NEW ENGLAND MUTUAL INSUR. CO.

GIFFORD, NELSON S.

DENNISON MANUFACTURING CO.

DENNISON MANUFACTURING CO.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.

GAVIN, JAMES M.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HANIFY, EDWARD B.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.

FIGGINS, W. P.

JOHNSON, H. W.

FLORIDA POWER AND LIGHT COMPANY

BENNETT, GEORGE F.

FORD MOTOR CO.

BENNETT, GEORGE F.

MIDDLE SOUTH UTILITIES, INC.

BENNETT, GEORGE F.

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

MICROWAVE ASSOCIATE INC.

HILL, RICHARD DEVEREUX

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.

GAVIN, JAMES M.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HANIFY, EDWARD B.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.

FIGGINS, W. P.

JOHNSON, H. W.

FLORIDA POWER AND LIGHT COMPANY

BENNETT, GEORGE F.

FORD MOTOR CO.

BENNETT, GEORGE F.

MIDDLE SOUTH UTILITIES, INC.

BENNETT, GEORGE F.

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

NEW ENGLAND TELEPHONE & TELEGRAPH CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST NATIONAL BOSTON CORP.

	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, MAURICE
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	MERCER, WILLIAM C.
	WASHBURN, H. B., JR.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	LAZARUS, MAURICE
POLAROID CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	KILLIAN, JAMES R., JR.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	JONES, F. S.
RAYTHEON CO.	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	JONES, G. B.
	MOCKLER, COLMAN M., JR.
	PHILLIPS, THOMAS L.
	METROPOLITAN LIFE INSURANCE COMPANY
	NICKERSON, ALBERT L.
	NICKERSON, ALBERT L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
	HOGAN, WILLIAM J.
HOLMES, D. BRAINERD	
KAMAN CORP.	
	AETNA LIFE AND CASUALTY COMPANY
	LORD, CHARLES E.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	WATKINS, F. D.
	TRAVELERS INSURANCE COMPANY
	BARNES, CARLYLE F.
RAYTHEON CO.	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	HILL, RICHARD DEVEREUX
	JONES, G. B.
	MOCKLER, COLMAN M., JR.
	PHILLIPS, THOMAS L.
	METROPOLITAN LIFE INSURANCE COMPANY
	NICKERSON, ALBERT L.
	NICKERSON, ALBERT L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
	HOGAN, WILLIAM J.
WYMAN GORDON CO.	
MARTIN, JAMES R.	
MASS. MUTUAL LIFE INSURANCE CO.	
MISSOURI PACIFIC CORPORATION	MORGAN, J. P., AND CO., INC.
	SHAPLEIGH, WARREN M.
MASON, AUSTIN B.	
LIBERTY MUTUAL INSURANCE CO.	FEDERATED DEPARTMENT STORES, INC.
	KRENSKY, HAROLD
	MELLON NATIONAL CORPORATION
	WILCOCK, JAMES W.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
LUDLOW CORP.	
MERCER, WILLIAM C.	
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	
	AMERICAN ELECTRIC POWER COMPANY, INC.
	GAVIN, JAMES M.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HANIFY, EDWARD B.
	DUPONT, E. I., DE NEMOURS AND CO.
	JOHNSON, H. W.
	FEDERATED DEPARTMENT STORES, INC.
	FIGGINS, W. P.
	JOHNSON, H. W.
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	FORD MOTOR CO.
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
	MORGAN, J. P., AND CO., INC.
	JOHNSON, H. W.
NEW ENGLAND TELEPHONE & TELEGRAPH CO.	
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, MAURICE
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	HILL, RICHARD DEVEREUX
	WASHBURN, H. B., JR.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	LAZARUS, MAURICE
MILLER, E. SPENCER	
GREAT NORTHERN NEKOOSA CORP.	AMERICAN EXPRESS COMPANY
	AMMIDON, HOYT
	CONSOLIDATED EDISON CO OF NEW YORK
	PAINE, PETER S.
	CONTINENTAL CORPORATION, THE
	PAINE, PETER S.
	MARINE MIDLAND BANKS, INC.
	OWEN, NATHAN R.
	UNION PACIFIC CORPORATION
	MILLIKEN, MINOT K.
KEYES FIBRE CO.	
MAINE CENTRAL RAILROAD CO.	
MAINE NATIONAL BANK	
MOCKLER, COLMAN M., JR.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FIRST NATIONAL BOSTON CORP.
FABREEKA PRODUCTS CO.
GILLETTE CO.

CITICORP

FOURAKER, LAWRENCE E.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.
RCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
GAVIN, JAMES M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HANIFY, EDWARD B.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FEDERATED DEPARTMENT STORES, INC.
FIGGINS, W. P.
JOHNSON, H. W.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.

RAYTHEON CO.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HILL, RICHARD DEVEREUX
JONES, G. B.
PHILLIPS, THOMAS L.
METROPOLITAN LIFE INSURANCE COMPANY
NICKERSON, ALBERT L.
NICKERSON, ALBERT L.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.
HOGAN, WILLIAM J.

MONAN, J. DONALD
NICHOLS, GUY W.

NEW ENGLAND ELECTRIC SYSTEM

AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.

STATE MUTUAL LIFE ASSURANCE CO.
STATE MUTUAL LIFE ASSURANCE CO.
YANKEE ATOMIC ELECTRIC CO.
YANKEE ATOMIC ELECTRIC CO.

PHALEN, GEORGE E.

LUDLOW CORP.

PUTNAM, DAVID F.

LUDLOW CORP.

MARKEM CORPORATION

WATERS ASSOCIATES INC.

SANDERS, CHARLES A.

SMITH, RICHARD A.

GENERAL CINEMA CORP.

SMITH MANAGEMENT CO.

WANG, AN

WANG LABORATORIES INC.

WILLIAMS, BEN AMES, JR.

LITTLE, ARTHUR D., INC.

AMERICAN ELECTRIC POWER COMPANY, INC.

FOLSOM, RICHARD G.
GAVIN, JAMES M.
CHARTER NEW YORK CORP.
SILLIN, LELAN F., JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BLEICKEN, GERHARD D.
GAVIN, JAMES M.
NORTHEAST UTILITIES
SILLIN, LELAN F., JR.
PACIFIC GAS AND ELECTRIC COMPANY
HAIT, JAMES M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF FLORIDA POWER AND LIGHT COMPANY

ANTHONY, M. P.
BENNETT, GEORGE F.
FEDERAL STREET FUND INC.
FORD MOTOR CO.

BANKERS TRUST NEW YORK CORP
CULLMAN, JOSEPH F., III
CITICORP
OELMAN, ROBERT S.
CONSOLIDATED EDISON CO OF NEW YORK
HEISKELL, MARIAN S.
EQUITABLE LIFE ASSURANCE
WHARTON, CLIFTON R.
MORGAN, J. P., AND CO., INC.
BURGESS, CARTER L.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
WELLS FARGO AND COMPANY
MILLER, ARJAY
AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
GULF OIL CORPORATION
PEARSON, NATHAN W.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
MOORE, WILLIAM H.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MELLON NATIONAL CORPORATION
PEARSON, NATHAN W.
NATIONAL DETROIT CORPORATION
STINSON, GEORGE A.
SOUTHEPN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.
CATERPILLAR TRACTOR COMPANY
PACKARD, DAVID
CHASE MANHATTAN CORP.
HEWLETT, WILLIAM R.
CHRYSLER CORPORATION
HEWLETT, WILLIAM R.
SAFeway STORES, INC.
ARBUCKLE, ERNEST C.
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
GAVIN, JAMES M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HANIFY, EDWARD B.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FEDERATED DEPARTMENT STORES, INC.
FIGGINS, W. P.
JOHNSON, H. W.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
GIFFORD, NELSON S.
HILL, RICHARD DEVEREUX
MERCER, WILLIAM C.
MOCKLER, COLMAN M., JR.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
MIDDLE SOUTH UTILITIES, INC.
DELTA AIR LINES CORPORATION
FREEMAN, RICHARD W.
NEW ENGLAND ELECTRIC SYSTEM
AMERICAN AIR LINES, INC.
BURP, FRANCIS H.
EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
FIRST NATIONAL BOSTON CORP.
NICHOLS, GUY W.
ROCKEFELLER UNIVERSITY
CONSOLIDATED EDISON CO OF NEW YORK
HEISKELL, MARIAN S.
FORD MOTOR CO.
HEISKELL, MARIAN S.
STATE STREET INVESTMENT CORP.
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
GENERAL ELECTRIC COMPANY
LAWRENCE, JOHN E.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
PHILLIPS, THOMAS L.
METROPOLITAN LIFE INSURANCE COMPANY
NICKERSON, ALBERT L.
STATE STREET RES. & MAN. CO.
BLUMBERG, DAVID
AMERICAN BANKERS LIFE ASSURANCE CO OF FLORIDA
FIRST MORTGAGE INVESTORS

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FLORIDA POWER AND LIGHT COMPANY
PLANNED DEVELOPMENT CORP.
SOUTHEAST FIRST NATIONAL BANK OF MIAMI

EASTERN AIRLINES, INC.
BASSETT, HARRY HOOD
BORMAN, FRANK

DAVIS, JEAN MCARTHUR
MCARTHUR FARMS, INC.
SOUTHEAST FIRST NATIONAL BANK OF MIAMI

EASTERN AIRLINES, INC.
BASSETT, HARRY HOOD
BORMAN, FRANK

FULLEPTON, R. C.
KNIGHT, ROBERT B.
NATIONAL FOOD SERVICES, INC.
SUN BANK OF CORAL GABLES

MCCARTHY, JOHN MICHAEL
EFC SERVICES, INC.
INFORMATION INTERNATIONAL INC.
LORD, ABBETT AND COMPANY

MCDONALD, MARSHALL
EFC SERVICES, INC.

LORD, ABBETT AND COMPANY
MCCARTHY, JOHN MICHAEL

FULL SUPPLY SERVICE, INC.
LAND RESOURCES INVESTMENT CO.
SOUTHEAST BANKING CORP.

EASTERN AIRLINES, INC.
HALL, FLOYD D.

PRESTON, WILL M.
WACKENHUT CORP.

EASTERN AIRLINES, INC.
SCHRIEVER, BERNARD ADOLPH
PENNEY, J. C., CO., INC.
WRIGHT, CECIL L.

PRICE, EDGAR H., JR.
FIRST CITY FEDERAL SAVINGS & LOAN ASSN.
GENERAL TELEPHONE OF FLA.
PRICE CO, INC.
TROPICANA PROD. INC.

TRAVAELLA, JOSEPH P.
BANK OF CORAL SPRINGS
CORAL RIDGE PROPERTIES, INC.
SOUTHEAST BANKS OF FORT LAUDERDALE
WADSWORTH, LEWIS E.
ATLANTIC BANK OF ST. AUGUSTINE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FORD MOTOR CO.
BENNETT, GEORGE F.
FEDERAL STREET FUND INC.
FLORIDA POWER AND LIGHT COMPANY

HANNA MINING CO. LORD, ABBETT AND COMPANY
MCCARTHY, JOHN MICHAEL
AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
GULF OIL CORPORATION
PEARSON, NATHAN W.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
MOORE, WILLIAM H.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MELLON NATIONAL CORPORATION
PEARSON, NATHAN W.
NATIONAL DETROIT CORPORATION
STINSON, GEORGE A.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.

HEWLETT PACKARD CORP.

CATERPILLAR TRACTOR COMPANY
PACKARD, DAVID
CHASE MANHATTAN CORP.
HEWLETT, WILLIAM R.
CHRYSLER CORPORATION
HEWLETT, WILLIAM R.
SAFEWAY STORES, INC.
ARBUCKLE, ERNEST C.
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
GAVIN, JAMES M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HANIFY, EDWARD B.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FEDERATED DEPARTMENT STORES, INC.
FIGGINS, W. P.
JOHNSON, H. W.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
GIFFORD, NELSON S.
HILL, RICHARD DEVEREUX
MERCER, WILLIAM C.
MOCKLER, COLMAN M., JR.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.

MIDDLE SOUTH UTILITIES, INC.

NEW ENGLAND ELECTRIC SYSTEM

DELTA AIR LINES CORPORATION
FREEMAN, RICHARD W.
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
FIRST NATIONAL BOSTON CORP.
NICHOLS, GUY W.

ROCKEFELLER UNIVERSITY

STATE STREET INVESTMENT CORP.

CONSOLIDATED EDISON CO OF NEW YORK
HEISKELL, MARIAN S.
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
GENERAL ELECTRIC COMPANY
LAWRENCE, JOHN E.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
PHILLIPS, THOMAS L.
METROPOLITAN LIFE INSURANCE COMPANY
NICKERSON, ALBERT L.

STATE STREET RES. & MAN. CO.

BOURKE, WILLIAM O.

BURGESS, CARTER L.

MORGAN, J. P., AND CO., INC.

AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOF FORD MOTOR CO.

	GENERAL ELECTRIC COMPANY AUSTIN, J. PAUL DICKEY, CHARLES D., JR. PRESTON, LEWIS T.
	GENERAL MOTORS CORP. FALLON, WALTER A. MORGENS, HOWARD J. PATTERSON, ELLMORE C.
	INTERNATIONAL BUSINESS MACHINES CORP. CARY, FRANK T.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY JOHNSON, H. W.
	METROPOLITAN LIFE INSURANCE COMPANY HOUGHTON, J. R.
	MISSOURI PACIFIC CORPORATION SHAPLEIGH, WARREN M.
	NEW YORK LIFE INSURANCE COMPANY BROWN, R. MANNING, JR.
	PROCTER AND GAMBLE COMPANY MORGENS, HOWARD J.
	PRUDENTIAL INSURANCE CO. OF AMERICA PROCKNOW, DONALD E.
	SANTA FE INDUSTRIES, INC. PATTERSON, ELLMORE C.
	SEARS, ROEBUCK AND CO. SHULTZ, GEORGE P.
	SOUTHERN RAILWAY COMPANY LEACH, RALPH F.
	UNION CARBIDE CORPORATION BROWN, R. MANNING, JR.
	WESTERN ELECTRIC CO., INC. PROCKNOW, DONALD E.
ROANOKE ELECTRIC STEEL CORP. SMITHKLINE CORP.	
CALDWELL, PHILLIP CULLMAN, JOSEPH F., III BANKERS TRUST NEW YORK CORP	AMERICAN TELEPHONE AND TELEGRAPH COMPANY ELLINGHAUS, WILLIAM M.
	CONSUMERS POWER COMPANY HANNON, JOHN W., JR.
	CONTINENTAL OIL COMPANY BLAUVELT, HOWARD W.
	GENERAL TELEPHONE AND ELECTRONICS CORP. BLAUVELT, HOWARD W.
	INTERNATIONAL BUSINESS MACHINES CORP. MOORE, WILLIAM H.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY MCCULLOUGH, DONALD F.
	MOBIL CORPORATION LAPHAM, LEWIS A.
	TAVOULAREAS, WILLIAM P.
	PENNEY, J. C., CO., INC. ELLINGHAUS, WILLIAM M.
	JORDAN, VERNON E., JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA GORMAN, PAUL A.
	WESTERN ELECTRIC CO., INC. BICKMORE, LEE S.
IBM WORLD TRADE EUROPE/MIDDLE	EAST/AFRICA CORP.
	MARINE MIDLAND BANKS, INC. HUBNER, ROBERT W.
PHILLIP MORRIS & CO., LTD.	BANKERS TRUST NEW YORK CORP BRITTAIN, ALFRED, III
	VEPCO MOORE, T. JUSTIN, JR.
STRAUSS, LEVI & CO.	CROCKER NATIONAL CORPORATION HAAS, PETER E.
	WELLS FARGO AND COMPANY MILLER, ARJAY
FORD, BENSON EDISON INSTITUTE FORD, HENRY, II FORD, WILLIAM C. DETROIT LIONS, INC. EDISON INSTITUTE MANUFACTURERS NATIONAL CORP.	DETROIT EDISON COMPANY HOLLEY, GEORGE M., JR. SHONTZ, PATRICIA JANE
GADSDEN, HENRY W. BARD, C. R., INC. CAMPBELL SOUP CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY JOHNSON, BELTON K. MURPHY, WILLIAM B.
	BANKERS TRUST NEW YORK CORP GORMAN, PAUL A.
	EQUITABLE LIFE ASSURANCE BLOUGH, ROGER M.
	MORGAN, J. P., AND CO., INC. DORRANCE, JOHN T., JR.
	PHILLIPS PETROLEUM COMPANY PIEL, WILLIAM, JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA GORMAN, PAUL A.
MERCK & CO., INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FORD MOTOR CO.

	MURPHY, WILLIAM B.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	MORGAN, J. P., AND CO., INC.
	PAGE, WALTER H.
	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
NEW JERSEY BELL TELEPHONE CO.	
HAMPSON, ROBERT J.	
HEISKELL, MARIAN S.	
CONSOLIDATED EDISON CO OF NEW YORK	
	CHEMICAL NEW YORK CORPORATION
	RENCHARD, WILLIAM S.
	WILLIAMS, FRANKLIN H.
	CONTINENTAL CORPORATION, THE
	PAINE, PETER S.
	EQUITABLE LIFE ASSURANCE
	MUMFORD, MILTON C.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	MANUFACTURERS HANOVER CORPORATION
	BEINECKE, WILLIAM S.
	METROPOLITAN LIFE INSURANCE COMPANY
	LUCE, CHARLES F.
	NEW YORK LIFE INSURANCE COMPANY
	PERKINS, RICHARD S.
	RENCHARD, WILLIAM S.
	SOUTHERN PACIFIC COMPANY
	PERKINS, RICHARD S.
	UAL, INC.
	LUCE, CHARLES F.
INTERSTATE BROADCASTING	
MERCK & CO., INC.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MURPHY, WILLIAM B.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	MORGAN, J. P., AND CO., INC.
	PAGE, WALTER H.
	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
NEW YORK TIMES CO	
	BANKERS TRUST NEW YORK CORP
	GELB, RICHARD L.
	MAY, WILLIAM F.
	INTERNATIONAL BUSINESS MACHINES CORP.
	SCRANTON, WILLIAM W.
	VANCE, CYRUS R.
ROCKEFELLER UNIVERSITY	
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
TIME, INC.	
	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY
	FPEEMAN, GAYLORD
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	FIRST CHICAGO CORPORATION
	FREEMAN, GAYLORD
	INTERNATIONAL BUSINESS MACHINES CORP.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
	WATSON, THOMAS J., JR.
IACocca, LEE A.	
BOSTON CO., INC.	
	CHASE MANHATTAN CORP.
	VERITY, CALVIN WILLIAM, JR.
	CONTINENTAL CORPORATION, THE
	HURLEY, DONALD J.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	WISER, FOPWOOD C., JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	FOX, JOHN M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	WISER, FOPWOOD C., JR.
	SEABOARD COAST LINE INDUSTRIES, INC.
	WOLBACH, WILLIAM W.
	SHELL OIL COMPANY
	SPAGHT, MONROE E.
LUNDY, J. EDWARD	
MILLER, ARJAY	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FORD MOTOR CO.
BROOKINGS INSTITUTION
STANFORD RESEARCH INSTITUTE

STRAUSS, LEVI & CO.

UTAH INTERNATIONAL, INC.

WASHINGTON POST CO.

WELLS FARGO AND COMPANY

BANKAMERICA CORPORATION
CLAUSEN, A. W.
BANKERS TRUST NEW YORK CORP
CULLMAN, JOSEPH F., III
CROCKER NATIONAL CORPORATION
HAAS, PETER E.
CHASE MANHATTAN CORP.
HEWLETT, WILLIAM R.
CHRYSLER CORPORATION
HEWLETT, WILLIAM R.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
MOBIL CORPORATION
BORCH, FRED J.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
INTERNATIONAL BUSINESS MACHINES CORP.
KATZENBACH, NICHOLAS DEB.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
PACIFIC GAS AND ELECTRIC COMPANY
COOLEY, RICHARD P.
SAFEWAY STORES, INC.
ARBUCKLE, ERNEST C.
LAPHAM, ROGER D., JR.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
TRANSAMERICA CORPORATION
LANIGAR, MARY E.
UAL, INC.
COOLEY, RICHARD P.

MURPHY, FRANKLIN D.

BANK OF AMERICA N. T. & N. A.
BALLMARK CARDS, INC.

NORTON SIMON, INC.

PHILLIPS PETROLEUM COMPANY
WESCOE, W. CLARKE
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
PHILLIPS PETROLEUM COMPANY
WILLIAMS, HAROLD M.
SEARS, ROEBUCK AND CO.
FOSTER, LUTHER H.

SAMUEL H. KRESS FOUNDATION
TIMES MIRROR CO.

AMERICAN AIR LINES, INC.
ASTON, JAMES W.
CASEY, ALBERT V.
BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
INTERNATIONAL BUSINESS MACHINES CORP.
BROWN, HAROLD
PAN AMERICAN WORLD AIRWAYS, INC.
DILLINGHAM, LOWELL S.

OELMAN, ROBERT S.
CITICORP

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR FORD MOTOR CO.

	WRISTON, WALTER B.
	FCA CORP.
	FOURAKER, LAWRENCE E.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	SOUTHERN PACIFIC COMPANY
	HANLEY, JAMES W.
	STANDARD OIL COMPANY OF CALIFORNIA
	HAYNES, HAROLD J.
	PIGOTT, CHARLES M.
	UNION PACIFIC CORPORATION
	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
	UNITED STATES STEEL CORPORATION
	DEBUTTS, JOHN D.
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
KOPPERS CO., INC.	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	MELLON NATIONAL CORPORATION
	BYROM, FLETCHER L.
	JONES, CURTIS E.
	PEARSON, NATHAN W.
	MISSOURI PACIFIC CORPORATION
	GRYMES, DOUGLASS
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	FITZGERALD, EDMUND B.
NCR CORP.	CITICORP
	COSTANZO, G. A.
	CONTINENTAL OIL COMPANY
	ANDERSON, CHARLES A.
	HARDESTY, CHARLES HOWARD, JR.
OHIO BELL TELEPHONE CO.	UAL, INC.
	DE WINDT, E. MANDELL
	KNUDSEN, SEMON E.
PROCTER AND GAMBLE COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	SPEER, EDGAR B.
	EXXON CORPORATION
	HARNESS, EDWARD G.
	GENERAL MOTORS CORP.
	MORGENS, HOWARD J.
	GOODYEAR TIRE AND RUBBER COMPANY
	GEIR, PHILLIP O., JR.
	HARPER, JOHN DICKESON
	MELLON NATIONAL CORPORATION
	HARPER, JOHN DICKESON
	METROPOLITAN LIFE INSURANCE COMPANY
	HARPER, JOHN DICKESON
	MORGAN, J. P., AND CO., INC.
	MORGENS, HOWARD J.
	TRANS WORLD AIRLINES, INC.
	MCGHEE, GEORGE C.
	UNITED STATES STEEL CORPORATION
	SPEER, EDGAR B.
	PHILLIPS PETROLEUM COMPANY
	MEEKER, DAVID B.
WINTERS NATIONAL CORP.	CONSOLIDATED FREIGHTWAYS, INC.
	HILL, PHILIP S.
	PACIFIC GAS AND ELECTRIC COMPANY
	DE BRETTEVILLE, CHARLES
	EAMES, ALFRED W.
	SAFEWAY STORES, INC.
	DE BRETTEVILLE, CHARLES
	MITCHELL, W. S.
	SHELL OIL COMPANY
	DE BRETTEVILLE, CHARLES
DEL MONTE PROPERTIES CO.	BANKAMERICA CORPORATION
DELTEC INTERNATIONAL, LTD.	DILLINGHAM, LOWELL S.
	COMMONWEALTH EDISON
	PRINCE, WILLIAM WOOD
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST CHICAGO CORPORATION
	PRINCE, WILLIAM WOOD
	PAN AMERICAN WORLD AIRWAYS, INC.
	DILLINGHAM, LOWELL S.
HOLLY SUGAR CORP.	DETROIT EDISON COMPANY
MANUFACTURERS NATIONAL CORP.	HOLLEY, GEORGE M., JR.
	SHONTZ, PATRICIA JANE
PULLMAN, INC.	MELLON NATIONAL CORPORATION
	CASEY, SAMUEL B., JR.
	GEORGE, W. H. KROME
WHARTON, CLIFTON R.	CHRYSLER CORPORATION
BURROUGHS CORP.	MACDONALD, RAY W.
	DETROIT EDISON COMPANY
	SCHWARTZ, ALAN EARL
	KRESGE, S. S., COMPANY
	CUNNINGHAM, HARRY B.
	NATIONAL DETROIT CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOF FORD MOTOR CO.

EQUITABLE LIFE ASSURANCE

CUNNINGHAM, HARRY B.
 SURDAM, ROBERT M.
 AMERICAN AIR LINES, INC.
 BURR, FRANCIS H.
 FLEISCHMANN, MANLY
 BURLINGTON NORTHERN, INC.
 HENDRICKSON, ROBERT M.
 CHASE MANHATTAN CORP.
 EKLUND, C. G.
 CITICORP
 SHELDON, ELEANOR H. B.
 CONSOLIDATED EDISON CO OF NEW YORK
 MUMFORD, MILTON C.
 CONTINENTAL OIL COMPANY
 BUEK, C. W.
 EXXON CORPORATION
 JAMIESON, J. K.
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 AGEE, WILLIAM M.
 MELLON NATIONAL CORPORATION
 FISHER, A. W.
 MOBIL CORPORATION
 SHELDON, ELEANOR H. B.
 WOOLWORTH, F. W., CO.
 JAMES, GEORGE F.
 AMERICAN EXPRESS COMPANY
 ROOSA, ROBERT V.
 TEXACO, INC.
 ROOSA, ROBERT V.

ROCKEFELLER FOUNDATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL ELECTRIC COMPANY

AUSTIN, J. PAUL
COCA-COLA CO.

DOW JONES AND CO., INC.

MORGAN, J. P., AND CO., INC.

RAND CORPORATION
RICH'S, INC.

TRUST COMPANY OF GEORGIA

BOSWELL, JAMES G., II
J. G. BOSWELL CO.
SAFEWAY STORES, INC.

SECURITY PACIFIC CORP.

AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
RIORDAN, JAMES QUENTIN
SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
DELTA AIR LINES CORPORATION
HILL, JESSE, JR.
EQUITABLE LIFE ASSURANCE
ALLEN, IVAN, JR.
METROPOLITAN LIFE INSURANCE COMPANY
RAST, L. EDMUND
AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
DELTA AIR LINES CORPORATION
DOLSON, CHARLES H.
GARRETT, DAVID C., JR.
TRAVELERS INSURANCE COMPANY
GARRETT, DAVID C., JR.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
CONSOLIDATED FREIGHTWAYS, INC.
YOUNG, W. MAURICE
PACIFIC GAS AND ELECTRIC COMPANY
DE BRETTEVILLE, CHARLES
SHELL OIL COMPANY
DE BRETTEVILLE, CHARLES
SOUTHERN PACIFIC COMPANY
MAGOWAN, ROBERT A.
WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.
LAPHAM, ROGER D., JR.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
GOODYEAR TIRE AND RUBBER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL ELECTRIC COMPANY

ANDERSON, ROBERT B.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
RCA CORP.
BRADSHAW, THORNTON F.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
SMITH, H. RUSSELL
VON HAGEN, RICHARD R.
UNION PACIFIC CORPORATION
LAWLER, OSCAR T.

WEBB, DEL E., DEVELOPMENT CO.
CATHCART, SILAS S.

AMERICAN HOSPITAL SUPPLY CORP. AMERICAN ELECTRIC POWER COMPANY, INC.

ZWIENER, KENNETH V.
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.
MORGAN, GRAHAM J.

MOBIL CORPORATION
VAN DER EB, HENRY G.
SANTA FE INDUSTRIES, INC.
ZWIENER, KENNETH V.

DICK, A. B., CC.

COMMONWEALTH EDISON
DICK, ALBERT BLAKE, III
COMMONWEALTH EDISON

ILLINOIS TOOL WORKS, INC.

SMITH, EDWARD BYRON
INTERNATIONAL HARVESTER COMPANY
SMITH, HAROLD BYRON
VOSS, OMER G.
NORFOLK AND WESTERN RAILWAY COMPANY
STROTZ, ROBERT H.
SANTA FE INDUSTRIES, INC.
SWIFT, EDWARD F.

JEWEL COMPANIES, INC.

CITICORP
FOURAKER, LAWRENCE E.
CONTINENTAL ILLINOIS CORPORATION
BAUMHART, RAYMOND C.
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.

NORTRUST CORP.

RCA CORP.
FOURAKER, LAWRENCE E.
COMMONWEALTH EDISON
BARR, JOHN A.
DICK, ALBERT BLAKE, III
SMITH, EDWARD BYRON
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.
SMITH, HAROLD BYRON
VOSS, OMER G.

QUAKER OATS CO.

MOBIL CORPORATION
DONNELL, EDWARD S.
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
FIRST CHICAGO CORPORATION
STUART, ROBERT D., JR.
SEARS, ROEBUCK AND CO.
WOOD, ARTHUR M.
UAL, INC.
STUART, ROBERT D., JR.

DANCE, WALKER D.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

AETNA LIFE AND CASUALTY COMPANY
TAYLOR, ROBERT, JR.
EQUITABLE LIFE ASSURANCE
AGEE, WILLIAM M.
GENERAL PUBLIC UTILITIES CORP.
HAUPTFUHRER, BARBARA BARNES
GOODYEAR TIRE AND RUBBER COMPANY
DODD, EDWIN D.
PAN AMERICAN WORLD AIRWAYS, INC.
WISER, FORWOOD C., JR.
WESTINGHOUSE ELECTRIC CORPORATION
TAYLOR, ROBERT, JR.

DICKEY, CHARLES D., JR.

BRITISH COLUMBIA FOREST PRODUCTS, LTD.
INA CORP.

MORGAN, J. P., AND CO., INC. AETNA LIFE AND CASUALTY COMPANY

SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL ELECTRIC COMPANY

BURGESS, CARTER L.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
CHASE MANHATTAN CORP.
LAZARUS, RALPH
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
INTERNATIONAL BUSINESS MACHINES CORP.
SCRANTON, WILLIAM W.
NORFOLK AND WESTERN RAILWAY COMPANY
SUTPHIN, SAMUEL REID
UAL, INC.
JENKINS, WILLIAM M.

SCOTT PAPER CO.

HENLEY, HENRY H., JR.
AMERICAN EXPRESS COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
WARNER, RAWLEIGH, JR.
CHASE MANHATTAN CORP.
FURLAUD, RICHARD M.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
CLARK, HOWARD L.
WARNER, RAWLEIGH, JR.
TEXACO, INC.
ROOSA, ROBERT V.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
WALLACE, MARTHA REDFIELD
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ELLINGHAUS, WILLIAM M.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
GELB, RICHARD L.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.
UNION PACIFIC CORPORATION
EVANS, JAMES H.
ROBINSON, JAMES D., III
AMERICAN EXPRESS COMPANY
CLARK, HOWARD L.
BANKERS TRUST NEW YORK CORP
GELB, RICHARD L.
EASTERN AIRLINES, INC.
HALL, FLOYD D.
FEDERATED DEPARTMENT STORES, INC.
SHORE, T. SPENCER
MOBIL CORPORATION
CLARK, HOWARD L.
CHEMICAL NEW YORK CORPORATION
LEBLOND, RICHARD K., II
GENERAL PUBLIC UTILITIES CORP.
KUHN, WILLIAM G.

BRISTOL-MYERS CO.

CLUETT PEABODY AND CO., INC.

HOME LIFE INSURANCE CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL ELECTRIC COMPANY

MARINE MIDLAND BANKS, INC.
KUHNS, WILLIAM G.

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.

HILLMAN, HENRY L.
CHEMICAL NEW YORK CORPORATION

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIEFCEY, GEORGE T.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

COPELAND CORP.
CUMMINS ENGINE CO., INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MILLER, J. IRWIN
CBS, INC.
SCHACHT, HENRY B.
THOMAS, FRANKLIN A.
CITICORP
THOMAS, FRANKLIN A.
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
BANKAMERICA CORPORATION
ASH, ROY L.

GLOBAL MARINE, INC.

HILLMAN COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP GENERAL ELECTRIC COMPANY
 NATIONAL STEEL CORP.

	BANKERS TRUST NEW YORK CORP MARTING, WALTER A.
	KRESGE, S. S., COMPANY BODMAN, HENRY T. CUNNINGHAM, HARRY B.
	NATIONAL DETROIT CORPORATION BODMAN, HENRY T. CUNNINGHAM, HARRY B. STINSON, GEORGE A.
PITTSBURGH NATIONAL CORP.	NATIONAL DETROIT CORPORATION STINSON, GEORGE A. UNITED STATES STEEL CORPORATION LARRY, R. HEATH WESTINGHOUSE ELECTRIC CORPORATION WILCOX, GEORGE L.
SHAKFSPEARE CO. HOVDE, FREDERICK L. INLAND STEEL CO.	
	BURLINGTON NORTHERN, INC. SMITH, JOHN F., JR. CONTINENTAL ILLINOIS CORPORATION TENENBAUM, MICHAEL EASTMAN KODAK COMPANY PERKINS, DONALD S. FIRST CHICAGO CORPORATION ABBOUD, ROBERT A. JAICKS, FREDERICK G. STANDARD OIL COMPANY OF INDIANA ABBOUD, ROBERT A.
JONES, REGINALD H. LAWRENCE, JOHN E. CHASE FUND OF BOSTON ENTON, INC. FEDERAL STREET FUND	
	AMERICAN AIR LINES, INC. BURR, FRANCIS H. EQUITABLE LIFE ASSURANCE BURR, FRANCIS H.
LAWRENCE, JAMES, AND CO. STATE STREET INVESTMENT CORP.	AMERICAN AIR LINES, INC. BURR, FRANCIS H. EQUITABLE LIFE ASSURANCE BURR, FRANCIS H. FLORIDA POWER AND LIGHT COMPANY BENNETT, GEORGE F. FORD MOTOR CO. BENNETT, GEORGE F. JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY BENNETT, GEORGE F. PHILLIPS, THOMAS L. METROPOLITAN LIFE INSURANCE COMPANY NICKERSON, ALBERT L. MIDDLE SOUTH UTILITIES, INC. BENNETT, GEORGE F.
WEST POINT-PEPPERELL, INC.	AMERICAN EXPRESS COMPANY ROBINSON, JAMES D., III ATLANTIC RICHFIELD COMPANY WILSON, KENDRICK R., JR. SEABOARD COAST LINE INDUSTRIES, INC. WOLBACH, WILLIAM W. UNION PACIFIC CORPORATION ROBINSON, JAMES D., III
LAZARUS, RALPH CHASE MANHATTAN CORP.	AMERICAN EXPRESS COMPANY FURLAUD, RICHARD M. CHRYSLER CORPORATION DILLWORTH, J. RICHARDSON HEWLETT, WILLIAM R. CONTINENTAL CORPORATION, THE BARBER, CHARLES F. LILLEY, ROBERT D. EQUITABLE LIFE ASSURANCE EKLUND, C. G. EXXON CORPORATION KAUFFMAN, HOWARD C. GENERAL MOTORS CORP. CONNOR, JOHN T. SMITH, J. STANFORD INTERNATIONAL BUSINESS MACHINES CORP. HARRIS, PATRICIA R. METROPOLITAN LIFE INSURANCE COMPANY SHINN, RICHARD R. NORTHWEST AIRLINES, INC. BINGER, JAMES H. SEARS, ROEBUCK AND CO. PACE, NORMA T. STANDARD OIL COMPANY OF INDIANA SWEARINGEN, JOHN E. UNION CARBIDE CORPORATION FERGUSON, JAMES L. UNITED STATES STEEL CORPORATION MYERS, CHARLES F., JR.
FEDERATED DEPARTMENT STORES, INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY HOLLAND, JEROME HEARTWELL CHRYSLER CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL ELECTRIC COMPANY

	HOLLAND, JEROME HEARTWELL
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	DUPONT, E. I., DE MEMOURS AND CO.
	JOHNSON, H. W.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	FIGGINS, W. P.
	JOHNSON, H. W.
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	LAZARUS, MAURICE
	MORGAN, J. P., AND CO., INC.
	JOHNSON, H. W.
	UNION CARBIDE CORPORATION
SCOTT PAPER CO.	HOLLAND, JEROME HEARTWELL
	INTERNATIONAL BUSINESS MACHINES CORP.
	SCRANTON, WILLIAM W.
	MORGAN, J. P., AND CO., INC.
	DICKEY, CHARLES D., JR.
	NORFOLK AND WESTERN RAILWAY COMPANY
	SUTPHIN, SAMUEL REID
	UAL, INC.
	JENKINS, WILLIAM M.
LITTLEFIELD, EDMUND W.	
CYPRUS PIMA MINING CO.	UNION OIL COMPANY OF CALIFORNIA
	PARKER, CHARLES F.
INDUSTRIAL INDEMNITY CO.	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	WELLS FARGO AND COMPANY
	BRIDGES, ROBERT L.
MARCONA CORP.	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
SOUTHERN PACIFIC COMPANY	CITICORP
	HANLEY, JAMES W.
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	GOODYEAR TIRE AND RUBBER COMPANY
	HAZARD, ELLISON L.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BETCHEL, STEPHEN D., JR.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	MANUFACTURERS HANOVER CORPORATION
	MUNROE, GEORGE B.
	NEW YORK LIFE INSURANCE COMPANY
	MONROE, GEORGE B.
	PERKINS, RICHARD S.
	PACIFIC GAS AND ELECTRIC COMPANY
	MILLER, RICHARD K.
	SAFEWAY STORES, INC.
	MAGOWAN, ROBERT A.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	TENNECO, INC.
	BIAGGINI, B. F.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
UTAH INTERNATIONAL, INC.	CHASE MANHATTAN CORP.
	HEWLETT, WILLIAM R.
	CHRYSLER CORPORATION
	HEWLETT, WILLIAM R.
	FORD MOTOR CO.
	MILLER, ARJAY
	MOBIL CORPORATION
	BORCH, FRED J.
	UNION PACIFIC CORPORATION
	ECCLES, GEORGE S.
	WELLS FARGO AND COMPANY
	MILLER, ARJAY
WELLS FARGO AND COMPANY	FORD MOTOR CO.
	MILLER, ARJAY
	PACIFIC GAS AND ELECTRIC COMPANY
	COOLEY, RICHARD P.
	SAFEWAY STORES, INC.
	ARBUCKLE, ERNEST C.
	LAPHAM, ROGER D., JR.
	TRANSAMERICA CORPORATION
	LANIGAR, MARY E.
	UAL, INC.
	COOLEY, RICHARD P.
MICHELSON, GERTRUDE G.	BANKERS TRUST NEW YORK CORP
CHUBB CORPORATION	LAPHAM, LEWIS A.
	CHEMICAL NEW YORK CORPORATION
	MOSBACHER, EMIL, JR.
	CITICORP
	WRISTON, WALTER B.
	EASTERN AIRLINES, INC.
	PHALEN, CLIFTON W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL ELECTRIC COMPANY

	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	SAFeway STORES, INC.
	CHUBB, PERCY, III
	MITCHELL, W. S.
HARPER & ROW PUBLISHERS, INC.	EQUITABLE LIFE ASSURANCE
	KNOWLTON, WINTHROP
MACY, R. H., AND CO., INC.	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	LILLEY, ROBERT D.
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	CITICORP
	FOURAKER, LAWRENCE E.
	CONTINENTAL CORPORATION, THE
	LILLEY, ROBERT D.
	WILSON, F. PERRY
	MANUFACTURERS HANOVER CORPORATION
	WILSON, F. PERRY
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	BEALE, O. E.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SMILEY, DONALD B.
	UNION CARBIDE CORPORATION
	WILSON, F. PERRY
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
QUAKER OATS CO.	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	FIRST CHICAGO CORPORATION
	STUART, ROBERT D., JR.
	SEARS, ROEBUCK AND CO.
	WOOD, ARTHUR M.
	UAL, INC.
	STUART, ROBERT D., JR.
PARKER, JACK S.	
BONNIEVIEW RANCH, INC.	
CONTINENTAL GROUP, INC.	
	CITICORP
	HATFIELD, ROBERT S.
	SEIBERT, DONALD VINCENT
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	GENERAL MOTORS CORP.
	HATFIELD, ROBERT S.
	GENERAL PUBLIC UTILITIES CORP.
	HAYFORD, WARREN J.
	GOODYEAR TIRE AND RUBBER COMPANY
	DEYOUNG, RUSSELL
	HAZARD, ELLISON L.
	SMITH, LLOYD B.
	MANUFACTURERS HANOVER CORPORATION
	LYET, J. PAUL
	MELLON NATIONAL CORPORATION
	BYROM, FLETCHER L.
	NORTHEAST UTILITIES
	BENSON, LUCY WILSON
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	PENNEY, J. C., CO., INC.
	SEIBERT, DONALD VINCENT
	SOUTHERN PACIFIC COMPANY
	HAZARD, ELLISON L.
PIERCE, SAMUEL RILEY, JR.	
INTERNATIONAL BASIC ECONOMY CORP.	
	CHARTER NEW YORK CORP.
	DUNCAN, JOHN C.
	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	KRESGE, S. S., COMPANY
	PURCELL, ROBERT W.
INTERNATIONAL PAPER CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	ELLINGHAUS, WILLIAM M.
	MURPHY, WILLIAM B.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	GORMAN, PAUL A.
	CHASE MANHATTAN CORP.
	PFATT, EDMUND T., JR.
	SMITH, J. STANFORD
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	GENERAL MOTORS CORP.
	SMITH, J. STANFORD
	INTERNATIONAL HARVESTER COMPANY
	HANSEN, ARTHUR GENE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL ELECTRIC COMPANY

PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.

PRUDENTIAL INSURANCE CO. OF AMERICA
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
FOSTER, MARGERY SOMMERS
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

PAND CORP.
CITICORP
SHELDON, ELEANOR H. B.
WRISTON, WALTER B.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
PENNEY, J. C., CO., INC.
WRISTON, WALTER B.
INVESTORS DIVERSIFIED SERVICES, INC.
KIRBY, FRED MORGAN, II
NOFFOLK AND WESTERN RAILWAY COMPANY
FOWLER, HENRY H.
PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.
WOOLWORTH, F. W., CO.
KIRBY, FRED MORGAN, II

U. S. INDUSTRIES, INC.
PRESTON, LEWIS T.
MORGAN, J. P., AND CO., INC.

AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTEPSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

SCRIBNER, GILBERT H., JR.
ABBOTT LABORATORIES, INC.

NORTRUST CORP.
CONTINENTAL ILLINOIS CORPORATION
BERE, JAMES F.
STANDARD OIL COMPANY OF INDIANA
RASMUSSEN, ARTHUR E.
COMMONWEALTH EDISON
BAPP, JOHN A.
DICK, ALBERT BLAKE, III
SMITH, EDWARD BYRON
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL ELECTRIC COMPANY

	SMITH, HAROLD BYRON
	VOSS, OMER G.
	MOBIL CORPORATION
	DONNELL, EDWARD S.
QUAKER OATS CO.	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	FIRST CHICAGO CORPORATION
	STUART, ROBERT D., JR.
	SEARS, ROEBUCK AND CO.
	WOOD, APTHUR M.
	UAL, INC.
	STUART, ROBERT D., JR.
SCRIBNER & CO. (CHICAGO)	
WRISTON, WALTER B.	
CHUBB CORPORATION	
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	CHEMICAL NEW YORK CORPORATION
	MOSBACHER, EMIL, JR.
	EASTERN AIRLINES, INC.
	PHALEN, CLIFTON W.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	SAFEWAY STORES, INC.
	CHUBB, PERCY, III
	MITCHELL, W. S.
CITICORP	AETNA LIFE AND CASUALTY COMPANY
	GRAY, HARRY J.
	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DEBUTTS, JOHN D.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CBS, INC.
	THOMAS, FRANKLIN A.
	DUPONT, E. I., DE NEMOURS AND CO.
	SHAPIRO, IRVING S.
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	GRAY, HARRY J.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GENERAL MOTORS CORP.
	DEBUTTS, JOHN D.
	HATFIELD, ROBERT S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	SHAPIRO, IRVING S.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
	PENNEY, J. C., CO., INC.
	SEIBERT, DONALD VINCENT
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	SOUTHERN PACIFIC COMPANY
	HANLEY, JAMES W.
	STANDARD OIL COMPANY OF CALIFORNIA
	HAYNES, HAROLD J.
	PIGOTT, CHARLES M.
	UNION PACIFIC CORPORATION
	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
	UNITED STATES STEEL CORPORATION
	DEBUTTS, JOHN D.
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
PENNEY, J. C., CO., INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BATTEN, WILLIAM M.
	ELLINGHAUS, WILLIAM M.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	JORDAN, VERNON E., JR.
	CITICORP
	SEIBERT, DONALD VINCENT
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	UNION CARBIDE CORPORATION
	JACKSON, JACK B.
	WESTERN ELECTRIC CO., INC.
	KREPS, JUANITA M.
RAND CORP.	CITICORP
	SHELDON, ELEANOR H. B.

COMPANY LISTING WITH SECONDARY INTERLOCK THEN DIRECTOR
FOR GENERAL ELECTRIC COMPANY

EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. E.
MOBIL CORPORATION
SHELDON, ELEANOR H. E.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

BRANCH, HARLEE, JR.

GENERAL RECREATION CORP.

INTERFINANCIAL INC.

UNITED STATES STEEL CORPORATION

AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

CLEARY, CATHERINE B.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP.
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

FIRST WISCONSIN CORP.

KOHLER CO.
KRAFTCO CORP.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

CONNOR, JOHN T.
ALLIED CHEMICAL CORP.

CHASE MANHATTAN CORP.

UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
EXXON CORPORATION
PETERSON, MARTHA E.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
SMITH, E. G.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WAITE N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
MANUFACTURERS HANCOVER CORPORATION
BEERS, WILLIAM O.
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
CONSUMERS POWER COMPANY
AYMOND, A. H.
KRESGE, S. S., COMPANY
AYMOND, A. H.
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NATIONAL DETROIT CORPORATION
AYMOND, A. H.
NORTHWEST BANCORPORATION
BEMIS, JUDSON
CHAPTER NEW YORK CORP.
GIBLIN, E. BURKE
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
NORFOLK AND WESTERN RAILWAY COMPANY
FISCHWICK, JOHN P.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.
AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
LILLEY, ROBERT D.
EQUITABLE LIFE ASSURANCE
EKLUND, C. G.
EXXON CORPORATION
KAUFFMAN, HOWARD C.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
INTERNATIONAL BUSINESS MACHINES CORP.
HARRIS, PATRICIA R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

NORTHWEST AIRLINES, INC.
 BINGER, JAMES H.
 SEARS, ROEBUCK AND CO.
 PACE, NORMA T.
 STANDARD OIL COMPANY OF INDIANA
 SWEARINGEN, JOHN E.
 UNION CARBIDE CORPORATION
 FERGUSON, JAMES L.
 UNITED STATES STEEL CORPORATION
 MYERS, CHARLES F., JR.
 CHARTER NEW YORK CORP.
 GIBLIN, E. BURKE
 DETROIT EDISON COMPANY
 SHONTZ, PATRICIA JANE
 KRESGE, S. S., COMPANY
 CUNNINGHAM, HARRY B.
 NATIONAL DETROIT CORPORATION
 CUNNINGHAM, HARRY B.
 WARNER-LAMBERT CO.
 DEBUTTS, JOHN D.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 AMERICAN EXPRESS COMPANY
 WARNER, RAWLEIGH, JR.
 BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 CATERPILLAR TRACTOR COMPANY
 WARNER, RAWLEIGH, JR.
 CHEMICAL NEW YORK CORPORATION
 BROWN, CHARLES L.
 WARNER, RAWLEIGH, JR.
 CHRYSLER CORPORATION
 HOLLAND, JEROME HEARTWELL
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEROME HEARTWELL
 CONTINENTAL ILLINOIS CORPORATION
 HEWITT, WILLIAM A.
 CONTINENTAL OIL COMPANY
 HEWITT, WILLIAM A.
 DUPONT, E. I., DE NEMOURS AND CO.
 BROWN, CHARLES L.
 EXXON CORPORATION
 MACNAUGHTON, DONALD S.
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 HANIFY, EDWARD B.
 MANUFACTURERS HANOVER CORPORATION
 HOLLAND, JEROME HEARTWELL
 LINDHOLM, WILLIAM L.
 MOBIL CORPORATION
 WARNER, RAWLEIGH, JR.
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 CLEARY, CATHERINE B.
 PENNEY, J. C., CO., INC.
 BATTEN, WILLIAM M.
 ELLINGHAUS, WILLIAM M.
 PROCTER AND GAMBLE COMPANY
 SPEER, EDGAR B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 MACNAUGHTON, DONALD S.
 SOUTHERN CALIFORNIA EDISON COMPANY
 CARTER, EDWARD W.
 SOUTHERN RAILWAY COMPANY
 DAVIS, ARCHIE K.
 TEXACO, INC.
 MCGILL, WILLIAM J. (DR.)
 UNION CARBIDE CORPORATION
 HOLLAND, JEROME HEARTWELL
 UNITED STATES STEEL CORPORATION
 SPEER, EDGAR B.
 WESTERN BANCORPORATION
 CARTER, EDWARD W.
 AETNA LIFE AND CASUALTY COMPANY
 GRAY, HARRY J.
 AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 BETHLEHEM STEEL CORPORATION
 JENKINS, GEORGE P.
 CBS, INC.
 THOMAS, FRANKLIN A.
 DUPONT, E. I., DE NEMOURS AND CO.
 SHAPIRO, IRVING S.
 EASTMAN KODAK COMPANY
 HATFIELD, ROBERT S.
 EQUITABLE LIFE ASSURANCE
 SHELTON, ELEANOR H. B.
 EXXON CORPORATION
 GARVIN, CLIFTON C., JR.
 GRAY, HARRY J.
 FORD MOTOR CO.
 OELMAN, ROBERT S.
 GENERAL ELECTRIC COMPANY
 WRISTON, WALTER B.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOURAKER, LAWRENCE E.
SEAPS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
KRAFTCO CORP.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
UNITED STATES STEEL CORPORATION
AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

ESTES, ELLIOT M.

FALLON, WALTER A.

EASTMAN KODAK COMPANY

AETNA LIFE AND CASUALTY COMPANY
SHERMAN, ROBERT A.

CITICORP

HATFIELD, ROBERT S.

CONTINENTAL ILLINOIS CORPORATION

ANDERSON, ROGER E.

INTERNATIONAL HARVESTER COMPANY

ANDERSON, ROGER E.

MARINE MIDLAND BANKS, INC.

ZORNOW, GERALD B.

METROPOLITAN LIFE INSURANCE COMPANY

WALLIS, W. ALLEN

PENNEY, J. C., CO., INC.

KREPS, JUANITA M.

UNITED STATES STEEL CORPORATION

MEYER, JOHN M., JR.

WESTERN ELECTRIC CO., INC.

KREPS, JUANITA M.

WESTINGHOUSE ELECTRIC CORPORATION

EILERS, LOUIS K.

MORGAN, J. P., AND CO., INC.

AETNA LIFE AND CASUALTY COMPANY

SMITH, OLCOTT D.

BETHLEHEM STEEL CORPORATION

FOY, LEWIS W.

PATTERSON, ELLMORE C.

BURLINGTON NORTHERN, INC.

DAVISON, DANIEL P.

CONTINENTAL CORPORATION, THE

LEACH, RALPH F.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.

JOHNSON, H. W.

FORD MOTOR CO.

BURGESS, CARTER L.

GENERAL ELECTRIC COMPANY

AUSTIN, J. PAUL

DICKEY, CHARLES D., JR.

PRESTON, LEWIS T.

INTERNATIONAL BUSINESS MACHINES CORP.

CARY, FRANK T.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

JOHNSON, H. W.

METROPOLITAN LIFE INSURANCE COMPANY

HOUGHTON, J. R.

MISSOURI PACIFIC CORPORATION

SHAPLEIGH, WARREN M.

NEW YORK LIFE INSURANCE COMPANY

BROWN, R. MANNING, JR.

PROCTER AND GAMBLE COMPANY

MORGENS, HOWARD J.

PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.

SANTA FE INDUSTRIES, INC.

PATTERSON, ELLMORE C.

SEARS, ROEBUCK AND CO.

SHULTZ, GEORGE P.

SOUTHERN RAILWAY COMPANY

LEACH, RALPH F.

UNION CARBIDE CORPORATION

BROWN, R. MANNING, JR.

WESTERN ELECTRIC CO., INC.

PROCKNOW, DONALD E.

ROCHESTER GAS & ELECTRIC CORP.

ROCHESTER SAVINGS BANK

FISCHER, CHARLES T., III

AMERICAN AIR LINES, INC.

EQUITABLE LIFE ASSURANCE

BURR, FRANCIS H.

FLEISCHMANN, MANLY

MANUFACTURERS HANOVER CORPORATION

BEERS, WILLIAM O.

MARINE MIDLAND BANKS, INC.

SADLER, MARION

SEARS, ROEBUCK AND CO.

BEERS, WILLIAM O.

UNITED STATES STEEL CORPORATION

BEERS, WILLIAM O.

DETROIT EDISON COMPANY

KRESGE, S. S., COMPANY

HARPER, DAVID B.

NATIONAL DETROIT CORPORATION

GERSTENBERG, RICHARD C.

HAMANN, JOHN R.

HUDSON, JOSEPH L., JR.

HIRAM-WALKER-GOODERHAM & WARTS, LTD.

CATERPILLAR TRACTOR COMPANY

SCRIVENER, ROBERT CARLTON

CONTINENTAL CORPORATION, THE

LAMBERT, ALLEN T.

UNITED STATES STEEL CORPORATION

SCRIVENER, ROBERT CARLTON

CHRYSLER CORPORATION

SEMPLER, ROBERT B.

NATIONAL BANK OF DETROIT

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

	NATIONAL DETROIT CORPORATION
	SEMPLE, ROBERT B.
	SURDAM, ROBERT M.
NATIONAL DETROIT CORPORATION	CHRYSLER CORPORATION
	GRIFFITHS, MARTHA W.
	SEMPLE, ROBERT B.
	CONSUMERS POWER COMPANY
	AYMOND, A. H.
	GRIFFITHS, MARTHA W.
	MCKONE, DON T.
	DETROIT EDISON COMPANY
	GERSTENBERG, RICHARD C.
	HAMANN, JOHN R.
	HUDSON, JOSEPH L., JR.
	KRESGE, S. S., COMPANY
	AYMOND, A. H.
	BODMAN, HENRY T.
	CUNNINGHAM, HARRY B.
	GRIFFITHS, MARTHA W.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	AYMOND, A. H.
GERSTENBERG, RICHARD C.	
DETROIT EDISON COMPANY	
	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	KRESGE, S. S., COMPANY
	HARPER, DAVID B.
	NATIONAL DETROIT CORPORATION
	FISCHER, CHARLES T., III
	HAMANN, JOHN R.
	HUDSON, JOSEPH L., JR.
MARSH & MCLENNAN COMPANIES, INC.	
	CHEMICAL NEW YORK CORPORATION
	WALKER, WILBERT A.
	COMMONWEALTH EDISON
	BARP, JOHN A.
	MEPRILL LYNCH AND COMPANY, INC.
	HAACK, ROBERT WILLIAM
	PUTNAM MANAGEMENT COMPANY, INC. (THE)
	NEWHOUSE, ROBERT JOYCE, JR.
	REGAN, JOHN MACVEIGH, JR.
	UNITED STATES STEEL CORPORATION
	WALKER, WILBERT A.
MILES LABORATORIES INC.	
NATIONAL DETROIT CORPORATION	
	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	CHRYSLER CORPORATION
	GRIFFITHS, MARTHA W.
	SEMPLE, ROBERT B.
	CONSUMERS POWER COMPANY
	AYMOND, A. H.
	GRIFFITHS, MARTHA W.
	MCKONE, DON T.
	DETROIT EDISON COMPANY
	FISCHER, CHARLES T., III
	HAMANN, JOHN R.
	HUDSON, JOSEPH L., JR.
	KRESGE, S. S., COMPANY
	AYMOND, A. H.
	BODMAN, HENRY T.
	CUNNINGHAM, HARRY B.
	GRIFFITHS, MARTHA W.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	AYMOND, A. H.
HATFIELD, ROBERT S.	
CITICORP	
	AETNA LIFE AND CASUALTY COMPANY
	GRAY, HARRY J.
	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DEBUTTS, JOHN D.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CBS, INC.
	THOMAS, FRANKLIN A.
	DUPONT, E. I., DE NEMOURS AND CO.
	SHAPIRO, IRVING S.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	GRAY, HARRY J.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GENERAL ELECTRIC COMPANY
	WRISTON, WALTER B.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	SHAPIRO, IRVING S.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER

CONTINENTAL GROUP, INC.
CITICORP
SEIBERT, DONALD VINCENT
GENERAL ELECTRIC COMPANY
PARKER, JACK S.
GENERAL PUBLIC UTILITIES CORP.
HAYFORD, WARREN J.
GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
HAZARD, ELLISON L.
SMITH, LLOYD B.
MANUFACTURERS HANOVER CORPORATION
LYET, J. PAUL
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NORTHEAST UTILITIES
BENSON, LUCY WILSON
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.

EASTMAN KODAK COMPANY
AETNA LIFE AND CASUALTY COMPANY
SHEPMAN, ROBERT A.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
MARINE MIDLAND BANKS, INC.
ZORNOW, GERALD B.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
WESTINGHOUSE ELECTRIC CORPORATION
EILERS, LOUIS K.

KENNECOTT COPPER CORP.
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
KRESGE, S. S., COMPANY
RUSSELL, GEORGE
MORGAN, J. P., AND CO., INC.
PAGE, WALTER H.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH
PROCTER AND GAMBLE COMPANY
MILLIKEN, FRANK R.

JENSEN, REUBEN R.
CHEMICAL BANK

KEHRL, HOWARD H.
DAYTON-HUDSON CORP.

CHEMICAL NEW YORK CORPORATION
PIERCY, GEORGE T.
EXXON CORPORATION
PIERCY, GEORGE T.
BURLINGTON NORTHERN, INC.
DAYTON, DONALD C.
NASON, PHILIP H.
DETROIT EDISON COMPANY
HUDSON, JOSEPH L., JR.
FIRST BANK SYSTEM, INC.
NASON, PHILIP H.
NATIONAL DETROIT CORPORATION
HUDSON, JOSEPH L., JR.
NORTHWEST BANCORPORATION
SPOOR, WILLIAM H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

MAYER, JOHN A.

ALUMINUM COMPANY OF AMERICA

FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
GULF OIL CORPORATION
PEARSON, NATHAN W.
MELLON NATIONAL CORPORATION
GEORGE, W. H. KROME
HARPER, JOHN DICKESON
PEARSON, NATHAN W.
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
UAL, INC.

HEINZ, H. J., CO.

CARLSON, EDWARD E.
BANKERS TRUST NEW YORK CORP
LAPHAM, LEWIS A.
MELLON NATIONAL CORPORATION
RYAN, JOHN T., JR.
SNYDER, WILLIAM P., III

MELLON NATIONAL CORPORATION

MOBIL CORPORATION
LAPHAM, LEWIS A.
WESTINGHOUSE ELECTRIC CORPORATION
GOOKIN, R. BURT
EQUITABLE LIFE ASSURANCE
FISHER, A. W.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
GULF OIL CORPORATION
HIGGINS, JAMES H.
PEARSON, NATHAN W.
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
UNITED STATES STEEL CORPORATION
GOTT, EDWIN H.
WESTINGHOUSE ELECTRIC CORPORATION
BURNHAM, DONALD C.

NORFOLK AND WESTERN RAILWAY COMPANY
PPG INDUSTRIES, INC.

GULF OIL CORPORATION
BEEGHLY, CHARLES M.
MELLON NATIONAL CORPORATION
BARKER, ROBINSON F.
GEORGE, W. H. KROME
WELLS FARGO AND COMPANY
FULLER, W. P., III

MCDONALD, FRANK JAMES

MCLAUGHLIN, W. EARLE

ADELA INVESTMENT CO., S. A.

CHARTER NEW YORK CORP.
WALLIS, GORDON T.
EXXON CORPORATION
BENNETT, JACK F.
MORGAN, J. P., AND CO., INC.
COLLADO, EMILIO G.
WOOLWORTH, F. W., CO.
WALLIS, GORDON T.

ALGOMA STEEL CORP., LTD.
ALLIED CHEMICAL CANADA, LTD.
CANADIAN PACIFIC LTD.

GENSTAR LTD.

UNION CARBIDE CORPORATION
SINCLAIR, IAN D.
WESTINGHOUSE ELECTRIC CORPORATION
NOKIN, MAX

L'AIR LIQUIDE

METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

POWER CORPORATION OF CANADA, LTD.
RALSTON PURINA OF CANADA, LTD.
ROYAL BANK OF CANADA, THE

STANDARD BRANDS, INC.

SUN ALLIANCE & LONDON GROUP
MORGENS, HOWARD J.
MORGAN, J. P., AND CO., INC.

EASTERN AIRLINES, INC.
HALL, FLOYD D.
UNION CARBIDE CORPORATION
SINCLAIR, IAN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
PATTERSON, ELLMORE C.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.

AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

OWENS-COPNING FIBERGLASS CORP.
AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.

COMPANY LISTING WITH SECONDARY INTERLOCK TRAM DIRECTOR
FOR GENERAL MOTORS CORP.

MORSTAD, LAURIS
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MISSOURI PACIFIC CORPORATION
KEMPER, JAMES M., JR.
TEXACO, INC.
POOSA, ROBERT W.
UAL, INC.
MORSTAD, LAURIS
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
SPEER, EDGAR B.
CITICORP
OELMAN, ROBERT S.
EMMON CORPORATION
BARNES, EDWARD G.
FORD MOTOR CO.
OELMAN, ROBERT S.
GOODYEAR TIRE AND RUBBER COMPANY
GEIP, PHILLIP O., JR.
HARPER, JOHN DICKESON
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
TRANS WORLD AIRLINES, INC.
MCGHEE, GEORGE C.
UNITED STATES STEEL CORPORATION
SPEER, EDGAR B.

MURPHY, THOMAS A.
PATTERSON, ELLMORE C.
ATCHINSON, TOPEKA & SANTA FE RAILWAY CO.
BETHLEHEM STEEL CORPORATION
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
WRIGHT, JOSEPH S.
CONTINENTAL ILLINOIS CORPORATION
WRIGHT, JOSEPH S.
DUPONT, E. I., DE NEMOURS AND CO.
MCCOY, CHARLES B.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MORGAN, J. P., AND CO., INC.
FOV, LEWIS W.
STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.
AMERICAN AIR LINES, INC.
LEITCH, JOHN D.
GULF OIL CORPORATION
MATTHEWS, BEVERLY

CANADA LIFE ASSURANCE CO.
FEDERAL RESERVE BANK OF NEW YORK
METROPOLITAN LIFE INSURANCE COMPANY
SNEATH, WILLIAM S.
UNION CARBIDE CORPORATION
SNEATH, WILLIAM S.
MORGAN, J. P., AND CO., INC.
AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOV, LEWIS W.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENEPALE ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PREDSTON, LEWIS T.
INTERNATIONAL BUSINESS MACHINES CORP.
GARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGANS, HOWARD J.
FRIDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
	WESTERN ELECTRIC CO., INC.
	PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.	AMERICAN ELECTRIC POWER COMPANY, INC.
	ZWIENER, KENNETH V.
	FIRST CHICAGO CORPORATION
	WOELFLE, ARTHUR W.
	INTERNATIONAL HARVESTER COMPANY
	RATTALIATA, JOHN T.
	UNION OIL COMPANY OF CALIFORNIA
	HALE, PRENTIS C.
	WESTERN ELECTRIC CO., INC.
	LAWRENCE, JOHN L.
STANDARD BRANDS, INC.	RATTALIATA, JOHN T.
	FIRST CHICAGO CORPORATION
	SIVAGE, GERALD A.
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
	SIVAGE, GERALD A.
ROCHE, JAMES M.	
ECKERD, JACK, CORP.	
NEW YORK STOCK EXCHANGE	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BATTEN, WILLIAM M.
	HOLLAND, JEROME HEARTWELL
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	MARINE MIDLAND BANKS, INC.
	OWENS, CORNELIUS W.
	PENNEY, J. C., CO., INC.
	BATTEN, WILLIAM M.
	MACBAIN, GAVIN KEITH
	UNION CARBIDE CORPORATION
	HOLLAND, JEROME HEARTWELL
PEPSICO INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	ATLANTIC RICHFIELD COMPANY
	KENDALL, DONALD M.
	BRANIFF INTERNATIONAL CORPORATION
	LAY, HERMAN W.
	STEWART, ROBERT H., III
	CHEMICAL NEW YORK CORPORATION
	LEARSON, T. VINCENT
	CITICORP
	GARVIN, CLIFTON C., JR.
	DUKE POWER CO
	LAY, HERMAN W.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	COLEMAN, WILLIAM T., JR.
	LEARSON, T. VINCENT
	MANUFACTURERS HANOVER CORPORATION
	LINDHOLM, WILLIAM L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	KENDALL, DONALD M.
SIVAGE, GERALD A.	
FIRST CHICAGO CORPORATION	ATLANTIC RICHFIELD COMPANY
	ANDERSON, ROBERT O.
	FREEMAN, GAYLORD
	INGERSOLL, ROBERT S.
	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	MORGAN, LEE L.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	MCCORMICK, BROOKS
	PRINCE, WILLIAM WOOD
	SWIFT, A. DEAN
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	INTERNATIONAL HARVESTER COMPANY
	MCCORMICK, BROOKS
	MENK, LOUIS W.
	SANTA FE INDUSTRIES, INC.
	WOELFLE, ARTHUR W.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
	UAL, INC.
	CARLSON, EDWARD E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

MARSHALL FIELD & CO.

STUART, ROBERT D., JR.
BURLINGTON NORTHERN, INC.
BUDD, J. M.
COMMONWEALTH EDISON
ALLARD, JEAN
DICK, ALBERT BLAKE, III
NEW YORK LIFE INSURANCE COMPANY
BUDD, J. M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
SMITH, HAROLD BYRON, JR.
STANDARD OIL COMPANY OF INDIANA
BURNHAM, JOSEPH A.
WESTINGHOUSE ELECTRIC CORPORATION
BEECHER, HARRY O.

METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCF, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
MORGAN, J. P., AND CO., INC.
PATTERSON, ELLMORE C.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.

STANDARD BRANDS, INC.

SMITH, J. STANFORD
CHASE MANHATTAN CORP.

AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
LILLEY, ROBERT D.
EQUITABLE LIFE ASSURANCE
EKLUND, C. G.
EXXON CORPORATION
KAUFFMAN, HOWARD C.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
INTERNATIONAL BUSINESS MACHINES CORP.
HARRIS, PATRICIA R.
* METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL MOTORS CORP.

	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	SEARS, ROEBUCK AND CO.
	PACE, NORMA T.
	STANDARD OIL COMPANY OF INDIANA
	SWEARINGEN, JOHN E.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
INTERNATIONAL PAPER CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	ELLINGHAUS, WILLIAM M.
	MURPHY, WILLIAM B.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	GORMAN, PAUL A.
	CHASE MANHATTAN CORP.
	PRATT, EDMUND T., JR.
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	GENERAL ELECTRIC COMPANY
	PIERCE, SAMUEL RILEY, JR.
	INTERNATIONAL HARVESTER COMPANY
	HANSEN, ARTHUR GENE
	PENNEY, J. C., CO., INC.
	ELLINGHAUS, WILLIAM M.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	GORMAN, PAUL A.
	PIERCE, SAMUEL RILEY, JR.
SMITH, ROGER B.	
SULLIVAN, LEON H.	
GIRARD CO.	
	BETHLEHEM STEEL CORPORATION
	SMITH, RICHARD M.
PHILADELPHIA SAVINGS FUND SOCIETY	
TERRELL, RICHARD L.	
GENERAL MILLS, INC.	
	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	PARKER, PAUL H.
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	FIRST CHICAGO CORPORATION
	MENK, LOUIS W.
	INTERNATIONAL HARVESTER COMPANY
	MENK, LOUIS W.
	NORTHWEST BANCORPORATION
	MORRISON, JOHN W.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	McFARLAND, JAMES P.
M. I. T. CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	KILLIAN, JAMES R., JR.
TOWNES, CHARLES H.	
PERKIN ELMER CORP.	
QUANTUM SCIENCE CORP.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL PUBLIC UTILITIES CORP.

APPELL, LOUIS J., JR.

BURDITT, JOHN F.

ACF INDUSTRIES, INC.

AMSTAR CORP.

ARRENDADORA DE CAPRAS DE FERROCARIL DEL ATLANTICO, S. A.

POLYMER CORP.

SEABOARD SURETY CO.

DIECKAMP, HERMAN M.

JERSEY CENTRAL POWER & LIGHT CO.

METROPOLITAN EDISON CO.

PENNA. ELECTRIC CO.

DIEHL, VAL B.

NABISCO, INC.

BANKERS TRUST NEW YORK CORP

BROOKS, JOHN W.

CHARTER NEW YORK CORP.

STAUFFACHER, CHARLES B.

EXXON CORPORATION

CLAPKE, JACK G.

TRANS WORLD AIRLINES, INC.

TILLINGHAST, CHARLES C.

WOOLWORTH, F. W., CO.

LESCH, GEORGE H.

MARINE MIDLAND BANKS, INC.

KUHNS, WILLIAM G.

MARINE MIDLAND BANKS, INC.

KUHNS, WILLIAM G.

BANKERS TRUST NEW YORK CORP

BICKMORE, LEE S.

MOORE, WILLIAM H.

INTERNATIONAL BUSINESS MACHINES CORP.

MOORE, WILLIAM H.

MERRILL LYNCH AND COMPANY, INC.

HAACK, ROBERT WILLIAM

PRUDENTIAL INSURANCE CO. OF AMERICA

SCHAEFERLE, ROBERT M.

WESTERN ELECTRIC CO., INC.

BICKMORE, LEE S.

HAUPTFUHRER, BARBARA BARNES

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

AETNA LIFE AND CASUALTY COMPANY

TAYLOR, ROBERT, JR.

EQUITABLE LIFE ASSURANCE

AGEE, WILLIAM M.

GENERAL ELECTRIC COMPANY

DANCE, WALKER D.

GOODYEAR TIRE AND RUBBER COMPANY

DODD, EDWIN D.

PAN AMERICAN WORLD AIRWAYS, INC.

WISER, FORWOOD C., JR.

WESTINGHOUSE ELECTRIC CORPORATION

TAYLOR, ROBERT, JR.

VANGUARD GROUP OF INVESTMENT COMPANIES, THE

HAYFORD, WAPPEN J.

CONTINENTAL GROUP, INC.

CITICORP

HATFIELD, ROBERT S.

SEIBERT, DONALD VINCENT

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

GENERAL ELECTRIC COMPANY

PARKER, JACK S.

GENERAL MOTORS CORP.

HATFIELD, ROBERT S.

GOODYEAR TIRE AND RUBBER COMPANY

DEYOUNG, RUSSELL

HAZARD, ELLISON L.

SMITH, LLOYD B.

MANUFACTURERS HANOVER CORPORATION

LYET, J. PAUL

MELLON NATIONAL CORPORATION

BYROM, FLETCHER L.

NORTHEAST UTILITIES

BENSON, LUCY WILSON

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BYROM, FLETCHER L.

PENNEY, J. C., CO., INC.

SEIBERT, DONALD VINCENT

SOUTHERN PACIFIC COMPANY

HAZARD, ELLISON L.

KUHNS, WILLIAM G.

BREEDER REACTOR CORPORATION

MARINE MIDLAND BANKS, INC.

LYONS, WILLIAM A.

GPU SERVICE CORP.

HAMMERMILL PAPER CO.

MELLON NATIONAL CORPORATION

AHLBRANDT, FOGG S.

AMERICAN EXPRESS COMPANY

HENLEY, HENRY H., JR.

CHEMICAL NEW YORK CORPORATION

LEBLOND, RICHARD K., II

GENERAL ELECTRIC COMPANY

HENLEY, HENRY H., JR.

MANUFACTURERS HANOVER CORPORATION

HENLEY, HENRY H., JR.

JERSEY CENTRAL POWER & LIGHT CO.

MARINE MIDLAND BANKS, INC.

AMERICAN AIR LINES, INC.

SADLER, MARION

EASTMAN KODAK COMPANY

ZORNOW, GERALD B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL PUBLIC UTILITIES CORP.

PAN AMERICAN WORLD AIRWAYS, INC.
LINOWITZ, SOL M.
RCA CORP.
PETTY, JOHN ROBERT

METROPOLITAN EDISON CO.
PENNSYLVANIA ELECTRIC CO.
LANIER, GEORGE H., JR.
LANIER TEXTILE CO., INC.
MARION MANUFACTURING CO.
MOUNT VERNON MILLS INC

SEABOARD COAST LINE INDUSTRIES, INC.
MCGUIRK, WILLIAM EDWARD, JR.

RIVERSIDE MANUFACTURING CO.
TEXTITE HALL CORP.
TURNER HALSEY COMPANY COMPANY, INC.
THUN, FERDINAND K.
THUN INVESTMENT CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL TELEPHONE AND ELECTRONICS CORP.

BARKER, JAMES R.

ALLEGHANY-LUDLUM INDUSTRIES, INC.

MARINE MIDLAND BANKS, INC.

WENDEL, WILLIAM H.

MELLON NATIONAL CORPORATION

AHLBRANDT, ROGER S.

BUCKLEY, ROBERT J.

POCKWELL, WILLARD F., JR.

RYAN, JOHN T., JR.

MOORE & MCCORMICK RESOURCES, INC.

MELLON NATIONAL CORPORATION

AHLBRANDT, ROGER S.

BLAUVELT, HOWARD W.

BANKERS TRUST NEW YORK CORP

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

ELLINGHAUS, WILLIAM M.

CONSUMERS POWER COMPANY

HANNON, JOHN W., JR.

FORD MOTOR CO.

CULLMAN, JOSEPH F., III

INTERNATIONAL BUSINESS MACHINES CORP.

MOORE, WILLIAM H.

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

MCCULLOUGH, DONALD F.

MOBIL CORPORATION

LAPHAM, LEWIS A.

TAVOULAREAS, WILLIAM P.

PENNEY, J. C., CO., INC.

ELLINGHAUS, WILLIAM M.

JORDAN, VERNON E., JR.

PRUDENTIAL INSURANCE CO. OF AMERICA

ORMAN, PAUL A.

WESTERN ELECTRIC CO., INC.

BICKMORE, LEE S.

AMERICAN EXPRESS COMPANY

MCCARDELL, ARCHIE R.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HEWITT, WILLIAM A.

CONTINENTAL ILLINOIS CORPORATION

HEWITT, WILLIAM A.

DUPONT, E. I., DE NEMOURS AND CO.

JONES, GILBERT E.

EQUITABLE LIFE ASSURANCE

BUCK, C. W.

INTERNATIONAL BUSINESS MACHINES CORP.

JONES, GILBERT E.

UAL, INC.

NORSTAD, LAURIS

HUDSONS BAY OIL & GAS CO., LTD

CONTINENTAL OIL COMPANY

BAILEY, RALPH E.

TARKINGTON, ANDREW W.

BROPHY, THEODORE F.

ARKWRIGHT-BOSTON MAN. MTL. CO.

CHARTER NEW YORK CORP.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

NORTHEAST UTILITIES

SILLIN, LELAN F., JR.

RCA CORP.

SMILEY, DONALD B.

SHELL OIL COMPANY

BOOKOUT, JOHN F.

UNION PACIFIC CORPORATION

MITCHELL, HAMILTON B.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

WESTERN ELECTRIC CO., INC.

BURCHAM, LESTER A.

WOOLWORTH, F. W., CO.

BURCHAM, LESTER A.

WALLIS, GORDON T.

DARLING, NELSON J., JR.

COPPER RANGE CO.

EASTERN GAS & FUEL ASSOCIATES

PAINE WEBBER INC.

DOUGLAS, JOHN J.

DUNLOP, JOHN T., JR.

FARRIS, CHARLES G.

FULLER, WILLIAM M.

LUBBOCK COTTON OIL CO.

TEXAS AMERICAN BANKSHARES, INC.

GARY, THEODORE S.

JONES, RICHARD W.

KNOWLES, JOHN H., M.D.

CHARTER NEW YORK CORP.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

NORTHEAST UTILITIES

SILLIN, LELAN F., JR.

RCA CORP.

SMILEY, DONALD B.

SHELL OIL COMPANY

BOOKOUT, JOHN F.

UNION PACIFIC CORPORATION

MITCHELL, HAMILTON B.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GENERAL TELEPHONE AND ELECTRONICS CORP.

	WESTERN ELECTRIC CO., INC.
	BURCHAM, LESTER A.
	WOOLWORTH, F. W., CO.
	BURCHAM, LESTER A.
	WALLIS, GORDON T.
TECHNICARE CORP.	
KREMER, W. MERLE	
MURPHY, GEORGE A.	
CHARTER NEW YORK CORP.	
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	NORTHEAST UTILITIES
	SILLIN, LELAN F., JR.
	RCA CORP.
	SMILEY, DONALD B.
	SHELL OIL COMPANY
	BOOKOUT, JOHN F.
	UNION PACIFIC CORPORATION
	MITCHELL, HAMILTON B.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
	WESTERN ELECTRIC CO., INC.
	BURCHAM, LESTER A.
	WOOLWORTH, F. W., CO.
	BURCHAM, LESTER A.
	WALLIS, GORDON T.
PAGE, JOHN H.	
INTERNATIONAL NICKEL COMPANY, INC.	
KANSAS NEBRASKA NATURAL GAS CO.	
WALTER, JAMES W.	
CELOTEX CORP.	
CROWN INDUSTRIES	
HELLER, WALTER E., AND CO.	
NATIONAL LIFE OF FLORIDA CORP.	
WALTER, JIM, CORP.	
	FIRST BANK SYSTEM, INC.
	HERZOG, RAYMOND H.
	NORTHWEST AIRLINES, INC.
	HERZOG, RAYMOND H.
	UNITED STATES STEEL CORPORATION
	HERZOG, RAYMOND H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
CELANESE CORP.

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CHASE MANHATTAN CORP.
LILLEY, ROBERT D.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.

HOSPITAL CORP. OF AMERICA

PAN AMERICAN WORLD AIRWAYS, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
STANTON, FRANK
BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
CBS, INC.
STANTON, FRANK
TREE, MARIETTA
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
MELLON NATIONAL CORPORATION
ROCKWELL, WILLARD F., JR.
MOBIL CORPORATION
DONNELL, EDWARD S.
SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
UNION OIL COMPANY OF CALIFORNIA
HARTLEY, FRED L.
WESTERN BANCORPORATION
MUDD, HENRY T.

ROCKWELL INTERNATIONAL CORP.

SECURITY PACIFIC CORP.

ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
GENERAL ELECTRIC COMPANY
BOSWELL, JAMES G., II
RCA CORP.
BRADSHAW, THORNTON F.
SAFEGWAY STORES, INC.
BOSWELL, JAMES G., II
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
SMITH, R. RUSSELL
VON HAGEN, RICHARD R.
UNION PACIFIC CORPORATION
LAWLER, OSCAR T.

DEYOUNG, RUSSELL
CONTINENTAL GROUP, INC.

CITICORP
HATFIELD, ROBERT S.
SEIBERT, DONALD VINCENT
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
GENERAL ELECTRIC COMPANY
PARKER, JACK S.
GENERAL MOTORS CORP.
HATFIELD, ROBERT S.
GENERAL PUBLIC UTILITIES CORP.
HAYFORD, WARREN J.
MANUFACTURERS HANOVER CORPORATION
LYET, J. PAUL
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NORTHEAST UTILITIES
BENSON, LUCY WILSON
NORTHWESTERN MUTUAL LIFE INSURANCE CO

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GOODYEAR TIRE AND RUBBER COMPANY

BYROM, FLETCHER L.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
CITICORP
HATFIELD, ROBERT S.
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
GENERAL MOTORS CORP.
HATFIELD, ROBERT S.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
KRESGE, S. S., COMPANY
RUSSELL, GEORGE
MORGAN, J. P., AND CO., INC.
PAGE, WALTER H.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH
PROCTER AND GAMBLE COMPANY
MILLIKEN, FRANK R.
SEABOARD COAST LINE INDUSTRIES, INC.
LYKES, CHARLES P.
TEXACO, INC.
MCCALL, HOWARD W., JR.

KENNECOTT COPPER CORP.

WARD FOODS, INC.
DODD, EDWIN D.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AETNA LIFE AND CASUALTY COMPANY
TAYLOR, HOBART, JR.
EQUITABLE LIFE ASSURANCE
AGEE, WILLIAM M.
GENERAL ELECTRIC COMPANY
DANCE, WALKER D.
GENERAL PUBLIC UTILITIES CORP.
HAUPTFUHRER, BARBARA BARNES
PAN AMERICAN WORLD AIRWAYS, INC.
WISER, FORWOOD C., JR.
WESTINGHOUSE ELECTRIC CORPORATION
TAYLOR, HOBART, JR.

LYKES YOUNGSTOWN CORP.

NATIONAL PETRO CHEMICAL CORP.
NORTHWEST OHIO BANESHARES, INC.
OHIO BELL TEL CO.
OWENS-ILLINOIS, INC.
CITICORP
COSTANZO, G. A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
ROHATYN, FELIX G.

TOLEDO TRUST CO.
GEIR, PHILLIP O., JR.
ARMCO STEEL CORP.

CINCINNATI BELL, INC.

CINCINNATI MELACRON, INC.
FIRST NATIONAL BANK OF CINCINNATI
HOBART CORP.
PROCTER AND GAMBLE COMPANY
PHILLIPS PETROLEUM COMPANY
MEEKER, DAVID B.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
SPEER, EDGAR B.
CITICORP
OELMAN, ROBERT S.
EXXON CORPORATION
HARNESS, EDWARD G.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
TRANS WORLD AIRLINES, INC.
MCGHEE, GEORGE C.
UNITED STATES STEEL CORPORATION
SPEER, EDGAR B.

GERSTENMAIER, JOHN H.
CHAMPION INTERNATIONAL CORP.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FEDEPATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FIRST NATIONAL BOSTON CORP.
CHARPIE, ROBERT A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GOODYEAR TIRE AND RUBBER COMPANY

	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	JOHNSON, H. W.
	MORGAN, J. P., AND CO., INC.
	JOHNSON, H. W.
	RCA CORP.
	BRADSHAW, THORNTON F.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
	WESTINGHOUSE ELECTRIC CORPORATION
	BENDETSEN, KARL R.
HARPER, JOHN DICKESON	
ALUMINUM COMPANY OF AMERICA	FIRST CHICAGO CORPORATION
	CARLSON, EDWARD E.
	GENERAL MOTORS CORP.
	MAYER, JOHN A.
	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	MELLON NATIONAL CORPORATION
	GEORGE, W. H. KROME
	MAYER, JOHN A.
	PEARSON, NATHAN W.
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	UAL, INC.
	CARLSON, EDWARD E.
AMERICAN EUROPEAN ASSOCIATES	
COMMUNICATIONS SATELLITE CORP.	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	CHEMICAL NEW YORK CORPORATION
	PLACE, JOHN B. M.
	METROPOLITAN LIFE INSURANCE COMPANY
	LAIRD, M. R.
	PLACE, JOHN B. M.
	NORTHWEST AIRLINES, INC.
	LAIRD, M. R.
	PHILADELPHIA ELECTRIC COMPANY
	HAGERTY, WILLIAM W.
	PHILLIPS PETROLEUM COMPANY
	LAIRD, M. R.
CRUTCHER RESOURCES CORP.	EQUITABLE LIFE ASSURANCE
	JAMIESON, J. K.
	EXXON CORPORATION
	JAMIESON, J. K.
MELLON NATIONAL CORPORATION	EQUITABLE LIFE ASSURANCE
	FISHER, A. W.
	GENERAL MOTORS CORP.
	MAYER, JOHN A.
	GULF OIL CORPORATION
	HIGGINS, JAMES H.
	PEARSON, NATHAN W.
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	UNITED STATES STEEL CORPORATION
	GOTT, EDWIN H.
	WESTINGHOUSE ELECTRIC CORPORATION
	BURNHAM, DONALD C.
METROPOLITAN LIFE INSURANCE COMPANY	
	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CHASE MANHATTAN CORP.
	SHINN, RICHARD R.
	CHEMICAL NEW YORK CORPORATION
	FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	CITICORP
	JENKINS, GEORGE P.
	COMMONWEALTH EDISON
	JOHNSON, G. E.
	CONSOLIDATED EDISON CO OF NEW YORK
	LUCE, CHARLES F.
	CROCKER NATIONAL CORPORATION
	SOLOMON, EMMETT G.
	EASTMAN KODAK COMPANY
	WALLIS, W. ALLEN
	EXXON CORPORATION
	PETERSON, MARTHA E.
	FIRST CHICAGO CORPORATION
	SIVAGE, GERALD A.
	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	SIVAGE, GERALD A.
	INTERNATIONAL BUSINESS MACHINES CORP.
	FUNSTON, G. KEITH
	MORGAN, J. P., AND CO., INC.
	HOUGHTON, J. R.
	NORTHWEST AIRLINES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GOODYEAR TIRE AND RUBBER COMPANY

LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

PROCTER AND GAMBLE COMPANY AMERICAN TELEPHONE AND TELEGRAPH COMPANY
SPEER, EDGAR B.
CITICORP
OELMAN, ROBERT S.
EXXON CORPORATION
HARNESSE, EDWARD G.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
TRANS WORLD AIRLINES, INC.
MCGHEE, GEORGE C.
UNITED STATES STEEL CORPORATION
SPEER, EDGAR B.

HAZARD, ELLISON L.
CONTINENTAL GROUP, INC.

CITICORP
HATFIELD, ROBERT S.
SEIBERT, DONALD VINCENT
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
GENERAL ELECTRIC COMPANY
PARKER, JACK S.
GENERAL MOTORS CORP.
HATFIELD, ROBERT S.
GENERAL PUBLIC UTILITIES CORP.
HAYFORD, WARREN J.
MANUFACTURERS HANOVER CORPORATION
LYET, J. PAUL
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NORTHEAST UTILITIES
BENSON, LUCY WILSON
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT

LOCKHEED AIRCRAFT CORPORATION ATLANTIC RICHFIELD COMPANY
DOWNER, JOSEPH P.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GREAT WESTERN FINANCIAL CORPORATION
SHAW, LESLIE N.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
SOUTHERN CALIFORNIA EDISON COMPANY
HORTON, JACK K.
WESTERN BANCORPORATION
HORTON, JACK K.

SOUTHERN PACIFIC COMPANY CITICORP
HANLEY, JAMES W.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
MUNROE, GEORGE B.
NEW YORK LIFE INSURANCE COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SAFEWAY STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

HOWLETT, WILLIAM
WARD FOODS, INC.
JAY, RICHARD A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOR GOODYEAR TIRE AND RUBBER COMPANY
 TEXAS GAS TRANSMISSION CORP. GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 DETMAR, CHARLES F., JR.

MERCER, ROBERT E.

METTLER, RUBEN F.

BANK OF AMERICA NATIONAL TRUST

MERCK & CO., INC.

TRW, INC.

MINTER, THOMAS F.

PILLIOD, CHARLES JULE, JR.

CPC INTERNATIONAL, INC.

MANUFACTURERS HANOVER CORPORATION

PLATT, ROBERT HOLMES

LINCOLN NATIONAL CORP.

LONE STAR INDUSTRIES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

MURPHY, WILLIAM B.

CONSOLIDATED EDISON CO OF NEW YORK

HEISKELL, MARIAN S.

FORD MOTOR CO.

GADSDEN, HENRY W.

HEISKELL, MARIAN S.

MORGAN, J. P., AND CO., INC.

PAGE, WALTER H.

TRANS WORLD AIRLINES, INC.

TILLINGHAST, CHARLES C.

BETHLEHEM STEEL CORPORATION

MCCOY, CHARLES B.

DETROIT EDISON COMPANY

BACHER, ROBERT F.

DUPONT, E. I., DE NEMOURS AND CO.

MCCOY, CHARLES B.

EASTMAN KODAK COMPANY

ZORNOW, GERALD B.

MARINE MIDLAND BANKS, INC.

ZORNOW, GERALD B.

PROCTER AND GAMBLE COMPANY

SHEPARD, HORACE A.

SEARS, ROEBUCK AND CO.

METCALF, GORDON M.

CHEMICAL NEW YORK CORPORATION

PLATTEN, DONALD C.

EQUITABLE LIFE ASSURANCE

LONGNECKER, H. E.

SEILER, LEWS P.

MARINE MIDLAND BANKS, INC.

MCKEE, JAMES WILSON, JR.

MORGAN, J. P., AND CO., INC.

PROCKNOW, DONALD E.

PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.

WESTERN ELECTRIC CO., INC.

PROCKNOW, DONALD E.

AMERICAN AIR LINES, INC.

BEERS, WILLIAM O.

AMERICAN BROADCASTING COMPANIES

MACIOCE, THOMAS M.

AMERICAN EXPRESS COMPANY

HENLEY, HENRY H., JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

LINDHOLM, WILLIAM L.

CHRYSLER CORPORATION

HAUGE, GABRIEL

HOLLAND, JEROME HEARTWELL

CONSOLIDATED EDISON CO OF NEW YORK

BEINECKE, WILLIAM S.

CONTINENTAL CORPORATION, THE

HOLLAND, JEROME HEARTWELL

RICKER, JOHN B., JR.

WILSON, F. PERRY

ZIPP, GEORGE G.

FEDERATED DEPARTMENT STORES, INC.

HOLLAND, JEROME HEARTWELL

GENERAL ELECTRIC COMPANY

HENLEY, HENRY H., JR.

NEW YORK LIFE INSURANCE COMPANY

FINLEY, JAMES D.

HAUGE, GABRIEL

MITCHELL, DAVID W.

SEARS, ROEBUCK AND CO.

BEERS, WILLIAM O.

SOUTHERN PACIFIC COMPANY

MUNROE, GEORGE B.

UNION CARBIDE CORPORATION

HOLLAND, JEROME HEARTWELL

WILSON, F. PERRY

UNITED STATES STEEL CORPORATION

BEERS, WILLIAM O.

WESTINGHOUSE ELECTRIC CORPORATION

MCGILLICUDDY, JOHN F.

WHITMAN, MARINA V. N.

AMERICAN BROADCASTING COMPANIES

COOK, DONALD C.

AMERICAN ELECTRIC POWER COMPANY, INC.

MENGE, WALTER O.

KRESGE, S. S., COMPANY

MCCRACKEN, PAUL W.

MELLON NATIONAL CORPORATION

ROCKWELL, WILLARD F., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GOODYEAR TIRE AND RUBBER COMPANY

MORGAN, J. P., AND CO., INC.
SCHROEDER, JOHN P.

ROBERTSON, BRUCE M.
SMITH, LLOYD B.
CONTINENTAL GROUP, INC.

CITICORP
HATFIELD, ROBERT S.
SEIBERT, DONALD VINCENT
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
GENERAL ELECTRIC COMPANY
PARKER, JACK S.
GENERAL MOTORS CORP.
HATFIELD, ROBERT S.
GENERAL PUBLIC UTILITIES CORP.
HAYFORD, WARREN J.
MANUFACTURERS HANOVER CORPORATION
LYET, J. PAUL
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NORTHEAST UTILITIES
BENSON, LUCY WILSON
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
CHRYSLER CORPORATION
FLEMING, ROBBEN W.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GRAHAM, WILLIAM B.
UAL, INC.
CARLSON, EDWARD E.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
EXXON CORPORATION
PETERSON, MARTHA E.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SMITH, E. G.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
CONTINENTAL CORPORATION, THE
WILSON, F. PERRY
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
WILSON, F. PERRY
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNION CARBIDE CORPORATION
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.

DEERE & CO.

FIRST WISCONSIN CORP.

SMITH, A. O., CORP.

THOMSEN, IB
GOODYEAR INTERNATIONAL CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

AGEE, WILLIAM M.
BENDIX CORP.

EQUITABLE LIFE ASSURANCE

MORRISON-KNUDSEN CO., INC.
BERRY, HAROLD J.
AKZONG INC.
DONNELLEY, R. R., AND SONS CO.

WESTVACO CORP.

CORBUS, WILLIAM
DANCE, WALKER D.
GENERAL ELECTRIC COMPANY

DETMAR, CHARLES F., JR.

TEXAS GAS TRANSMISSION CORP.

DODD, EDWIN D.

GOODYEAR TIRE AND RUBBER COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
FOLSOM, RICHARD G.
CHASE MANHATTAN CORP.

EKLUND, C. G.
CHEMICAL NEW YORK CORPORATION
VILA, GEORGE R.

CONSUMERS POWER COMPANY
MOTT, C. S. HARDING
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
EQUITABLE LIFE ASSURANCE
EKLUND, C. G.

KRESGE, S. S., COMPANY
CUNNINGHAM, HARRY B.
PURCELL, ROBERT W.
NATIONAL DETROIT CORPORATION
CUNNINGHAM, HARRY B.
TRANS WORLD AIRLINES, INC.

LAFONTANT, JEWEL S.
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
FLEISCHMANN, MANLY
BURLINGTON NORTHERN, INC.
HENDRICKSON, ROBERT M.
CHASE MANHATTAN CORP.

EKLUND, C. G.
CITICORP
SHELDON, ELEANOR H. B.
CONSOLIDATED EDISON CO OF NEW YORK
MUMFORD, MILTON C.
CONTINENTAL OIL COMPANY
BUEK, C. W.
EXXON CORPORATION
JAMIESON, J. K.
FORD MOTOR CO.
WHARTON, CLIFTON R.
MELLON NATIONAL CORPORATION
FISHER, A. W.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
WOOLWORTH, F. W., CO.
JAMES, GEORGE F.

CONTINENTAL ILLINOIS CORPORATION
MITCHELL, MARVIN G.
FIRST CHICAGO CORPORATION
JAICKS, FREDERICK G.
INTERNATIONAL HARVESTER COMPANY
SMITH, HAROLD BYRON
PHILLIPS PETROLEUM COMPANY
MEEKER, DAVID B.
CHARTER NEW YORK CORP.
DUNCAN, JOHN C.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
ELFERS, WILLIAM

AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
CITICORP
WRISTON, WALTER B.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MORGAN, J. P., AND CO., INC.
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
PENNEY, J. C., CO., INC.
WRISTON, WALTER B.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.
SAFEWAY STORES, INC.
BOSWELL, JAMES G., II
SECURITY PACIFIC CORP.
BOSWELL, JAMES G., II
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.

GOODYEAR TIRE AND RUBBER COMPANY
JAY, RICHARD A.

MANUFACTURERS HANOVER CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

PILLIOD, CHARLES JULE, JR.
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
PROCTER AND GAMBLE COMPANY
GEIR, PHILLIP O., JR.
HARPER, JOHN DICKESON
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.

NATIONAL PETRO CHEMICAL CORP.
NORTHWEST OHIO BANESHARES, INC.
OHIO BELL TEL CO.
OWENS-ILLINOIS, INC.

CITICORP
COSTANZO, G. A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
ROHATYN, FELIX G.

TOLEDO TRUST CO.
FEDER, ALLAN A.
GENTRY, GRANT C.
HAUPTFUHRER, BARBARA BARNES
GENERAL PUBLIC UTILITIES CORP. MARINE MIDLAND BANKS, INC.
KUHN, WILLIAM G.

VANGUARD GROUP OF INVESTMENT COMPANIES, THE
LONACRE, ROBERT F.
SCHIFF, JOHN M.
CIT FINANCIAL CORP.
GETTY OIL CO.

KENNECOTT COPPER CORP.

ARMANSON, H. F., AND COMPANY
EVEY, STUART W.
TOPPING, NORMAN
BANKAMERICA CORPORATION
MEDBERRY, C. J.
SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
CITICORP
HATFIELD, ROBERT S.
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
GENERAL MOTORS CORP.
HATFIELD, ROBERT S.
GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
KRESGE, S. S., COMPANY
RUSSELL, GEORGE
MORGAN, J. P., AND CO., INC.
PAGE, WALTER H.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH
PROCTER AND GAMBLE COMPANY
MILLIKEN, FRANK R.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
FRIEDMAN, ALVIN E.

KUHN LOEB & CO.
MADISON FUND, INC.
UNIROYAL INC.

CHEMICAL NEW YORK CORPORATION
BERKELEY, NORBORNE, JR.
VILA, GEORGE R.
WOOLWORTH, F. W., CO.
LESCH, GEORGE H.

SCOTT, JONATHAN L.
MORRISON-KNUDSEN CO., INC.

EQUITABLE LIFE ASSURANCE
AGEE, WILLIAM M.

TAYLOR, HOBART, JR.
AETNA LIFE AND CASUALTY COMPANY

CITICORP
GRAY, HARRY J.
EASTMAN KODAK COMPANY
SHERMAN, ROBERT A.
EXXON CORPORATION
GRAY, HARRY J.
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
UNITED STATES STEEL CORPORATION
FILER, JOHN H.
RODERICK, DAVID M.
PROCTER AND GAMBLE COMPANY
SHEPARD, HORACE A.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.

STANDARD OIL CO. OHIO
URBAN NATIONAL CORP.

WESTINGHOUSE ELECTRIC CORPORATION
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
CITICORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

	MILLIFEN, ROGER
	EASTMAN KODAK COMPANY
	EILERS, LOUIS K.
	MANUFACTURERS HANOVER CORPORATION
	MCGILLICUDDY, JOHN F.
	WHITMAN, MARINA V. N.
	MELLON NATIONAL CORPORATION
	BURNHAM, DONALD C.
	NEW YORK LIFE INSURANCE COMPANY
	PIVIROTT, RICHARD R.
TONER, EDWARD J.	
FABER-CASTELL CORP.	
WISER, FORWOOD C., JR.	
BECTON DICKENSON AND COMPANY	PRUDENTIAL INSURANCE CO. OF AMERICA
	DICKINSON, FAIRLEIGH S., JR.
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	VAN FOSSAN, ROBERT V.
BOSTON CO., INC.	CHASE MANHATTAN CORP.
	VERITY, CALVIN WILLIAM, JR.
	CONTINENTAL CORPORATION, THE
	HURLEY, DONALD J.
	FORD MOTOR CO.
	IACocca, LEE A.
	INTERNATIONAL BUSINESS MACHINES CORP.
	FOX, JOHN M.
	SEABOARD COAST LINE INDUSTRIES, INC.
	WOLBACH, WILLIAM W.
	SHELL OIL COMPANY
	SPAGHT, MONROE E.
PAN AMERICAN WORLD AIRWAYS, INC.	
	AMERICAN ELECTRIC POWER COMPANY, INC.
	STANTON, FRANK
	ATLANTIC RICHFIELD COMPANY
	KENDALL, DONALD M.
	STANTON, FRANK
	BANKAMERICA CORPORATION
	DILLINGHAM, LOWELL S.
	CBS, INC.
	STANTON, FRANK
	TREE, MARIETTA
	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	INTERNATIONAL BUSINESS MACHINES CORP.
	COLEMAN, WILLIAM T., JR.
	WATSON, THOMAS J., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	NEW YORK LIFE INSURANCE COMPANY
	STANTON, FRANK
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GREAT WESTERN FINANCIAL CORPORATION

ALEXANDER, DAVID
DAVIS, STUART
FEDERAL HOME LOAN BANK OF SAN FRANCISCO

GREENE, JAMES C.
AMERICAN MUTUAL FUND, INC.

LASKER, EDWARD
MISSION VIEJO CO.
PHILLIP MORRIS, INC.

BANKERS TRUST NEW YORK CORP
MAISONROUGE, JACQUES G.

LATOURETTE, CLINTON
AMCAP FUND, INC.
AMERICAN MUTUAL FUND, INC.

MAHER, JOHN F.
MCGUIRE, T. G.
TRANSAMERICA MUTUAL FUNDS

AHMANSON, H. F., AND COMPANY
TOPPING, NORMAN

MONTGOMERY, JAMES F.
NORTH, JAMES D.
COQUINA SECURITIES CORP.

SHAW, LESLIE N.
LOCKHEED AIRCRAFT CORPORATION

ATLANTIC RICHFIELD COMPANY
DOWNER, JOSEPH P.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
MERFILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
SOUTHERN CALIFORNIA EDISON COMPANY
HORTON, JACK K.
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
WESTERN BANCORPORATION
HORTON, JACK K.

SIEGEL, ALBEFTA E.
STANLEY, LOWELL
BECKMAN INSTRUMENTS, INC.

SECURITY PACIFIC CORP.
SMITH, H. RUSSELL
SOUTHERN CALIFORNIA EDISON COMPANY
SMITH, H. RUSSELL

BENEFICIAL STANDARD CORP.
PETROLANE INC.

SECURITY PACIFIC CORP.
VON HAGEN, RICHARD R.
SOUTHERN CALIFORNIA EDISON COMPANY
VON HAGEN, RICHARD R.

WILSON, MILTON

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR GULF OIL CORPORATION

BEEGHLY, CHARLES M.

CLEVELAND CLIFFS IRON CO.

JONES & LAUGHLIN STEEL CORP.
PPG INDUSTRIES, INC.

BONNER, Z. D.
GULF OILS CHEMICALS CO.

DEAN, R. HAL
GENERAL AMERICAN LIFE INSURANCE CO.
MERCANTILE TRUST CO.
RALSTON PURINA CORP.

ST LOUIS-SAN FRANCISCO RAILWAY CO.
HIGGINS, JAMES H.
FIRST BOSTON, LTD. OF EUROPE
JOY MANUFACTURING CO.

MELLON NATIONAL CORPORATION

KOZMETDSKY, GEORGE
AMDAHL CORP.
DATAPOINT CORP.
FARAH MFG. CO, INC.
HEITZER CORP.
SMR CORP.
TELEDYNE, INC.

LEE, JAMES E.
MATTHEWS, BEVERLY
BRASCAN, LTD.
CANADA LIFE ASSURANCE CO.

CANADIAN NIAGARA POWER CORP.
MCCARTHY & MCCARTHY
RHEEM CANADA, LTD.
WESTINGHOUSE CANADA, LTD.
3M CANADA, LTD.

CHEMICAL NEW YORK CORPORATION
RENRCHARD, WILLIAM S.
CONSOLIDATED EDISON CO OF NEW YORK
RENRCHARD, WILLIAM S.
NEW YORK LIFE INSURANCE COMPANY
RENRCHARD, WILLIAM S.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
HARRISON, H. STUART

GENERAL MOTORS CORP.
MAYER, JOHN A.
MELLON NATIONAL CORPORATION
BARKER, ROBINSON F.
GEORGE, W. H. KROME
MAYER, JOHN A.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
WELLS FARGO AND COMPANY
FULLER, W. P., III

BANKAMERICA CORPORATION
LEWIS, DAVID SLOAN, JR.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
MORGAN, J. P., AND CO., INC.
SHAPLEIGH, WARREN M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
FERGUSON, FRANCIS E.
RCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

MELLON NATIONAL CORPORATION
WILCOCK, JAMES W.
EQUITABLE LIFE ASSURANCE
FISHER, A. W.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
UNITED STATES STEEL CORPORATION
GOTT, EDWIN H.
WESTINGHOUSE ELECTRIC CORPORATION
BURNHAM, DONALD C.

SECURITY PACIFIC CORP.
JACKSON, ROBERT C.

AMERICAN AIR LINES, INC.
LEITCH, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
GENERAL MOTORS CORP.
PATTERSON, ELLMORE C.
MORGAN, J. P., AND CO., INC.
PATTERSON, ELLMORE C.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.

CONTINENTAL CORPORATION, THE
LAMBERT, ALLEN T.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF GULF OIL CORPORATION

MC A F E E , J E R R Y

BANK OF NOVA SCOTIA

P E A R S O N , N A T H A N W .

A L U M I N U M C O M P A N Y O F A M E R I C A

FIRST CHICAGO CORPORATION

CARLSON, EDWARD E.

GENERAL MOTORS CORP.

MAYER, JOHN A.

GOODYEAR TIRE AND RUBBER COMPANY

HARPER, JOHN DICKESON

MELLON NATIONAL CORPORATION

GEORGE, W. H. KROME

HARPER, JOHN DICKESON

MAYER, JOHN A.

METROPOLITAN LIFE INSURANCE COMPANY

HARPER, JOHN DICKESON

NORFOLK AND WESTERN RAILWAY COMPANY

MAYER, JOHN A.

PROCTER AND GAMBLE COMPANY

HARPER, JOHN DICKESON

U A L , I N C .

CARLSON, EDWARD E.

CATERPILLAR TRACTOR COMPANY

BLACKIE, WILLIAM

SHELL OIL COMPANY

BLACKIE, WILLIAM

EASTMAN KODAK COMPANY

ROBSON, WYLIE SCHALL

MARINE MIDLAND BANKS, INC.

WENDEL, WILLIAM H.

A M P E X C O R P .

C A R B O R U N D U M C O .

C E R T A I N T E E D C O R P .

H A N N A M I N I N G C O .

A M E R I C A N E L E C T R I C P O W E R C O M P A N Y , I N C .

BOESCHENSTEIN, WILLIAM W.

BANKERS TRUST NEW YORK CORP

MOORE, WILLIAM H.

FLORIDA POWER AND LIGHT COMPANY

BENNETT, GEORGE F.

FORD MOTOR CO.

BENNETT, GEORGE F.

I N T E R N A T I O N A L B U S I N E S S M A C H I N E S C O R P .

BETCHEL, STEPHEN D., JR.

MOORE, WILLIAM H.

J O H N H A N C O C K M U T U A L L I F E I N S U R A N C E C O M P A N Y

BENNETT, GEORGE F.

KROGER COMPANY, THE

BOESCHENSTEIN, WILLIAM W.

MIDDLE SOUTH UTILITIES, INC.

BENNETT, GEORGE F.

NATIONAL DETROIT CORPORATION

STINSON, GEORGE A.

SOUTHERN PACIFIC COMPANY

BETCHEL, STEPHEN D., JR.

SOUTHERN RAILWAY COMPANY

IRELAND, R. L.

K O P P E R S C O . , I N C .

CITICORP

OELMAN, ROBERT S.

FORD MOTOR CO.

OELMAN, ROBERT S.

MELLON NATIONAL CORPORATION

BYROM, FLETCHER L.

JONES, CURTIS E.

MISSOURI PACIFIC CORPORATION

GRYMES, DOUGLASS

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BYROM, FLETCHER L.

FITZGERALD, EDMUND B.

PROCTER AND GAMBLE COMPANY

OELMAN, ROBERT S.

M E L L O N N A T I O N A L C O R P O R A T I O N

EQUITABLE LIFE ASSURANCE

FISHER, A. W.

GENERAL MOTORS CORP.

MAYER, JOHN A.

GOODYEAR TIRE AND RUBBER COMPANY

HARPER, JOHN DICKESON

METROPOLITAN LIFE INSURANCE COMPANY

HARPER, JOHN DICKESON

NORFOLK AND WESTERN RAILWAY COMPANY

MAYER, JOHN A.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BYROM, FLETCHER L.

PROCTER AND GAMBLE COMPANY

HARPER, JOHN DICKESON

UNITED STATES STEEL CORPORATION

GOTT, EDWIN H.

WESTINGHOUSE ELECTRIC CORPORATION

BURNHAM, DONALD C.

S C U L L Y , S I S T E R J A N E

S I N G E R , E D W I N

CORPUS CHRISTI BANK AND TRUST

DUN AND BRADSTREET COMPANIES, INC.

BANKERS TRUST NEW YORK CORP

BROOKS, JOHN W.

THAYER, WALTER N.

B R A N I F F I N T E R N A T I O N A L C O R P O R A T I O N

THAYER, RUSSELL

COMPANY LISTING WITH SECONDARY INTERLOCK TRU DIRECTOR
FOR GULF OIL CORPORATION

RALSTON PURINA CORP.

CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
SEABOARD COAST LINE INDUSTRIES, INC.
MCGUIRK, WILLIAM EDWARD, JR.
UNION PACIFIC CORPORATION
EVANS, JAMES H.
BANKAMERICA CORPORATION
LEWIS, DAVID SLOAN, JR.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
MORGAN, J. P., AND CO., INC.
SHAPLEIGH, WARREN M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
FERGUSON, FRANCIS E.
PCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

WHITCOM INVESTMENT CO.
WHITNEY COMMUNICATIONS CORP.
WALKER, EDWARD B.
GULF ENERGY AND MINERALS CO.
WALTON, JAMES M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

BEITZEL, GEORGE B.

FLIGHTSAFETY INTERNATIONAL, INC.

MEAD COPP.

BETCHEL, STEPHEN D., JR.
HANNA MINING CO.

SOUTHERN PACIFIC COMPANY

BROWN, HAROLD
TIMES MIRROR CO.

CARY, FRANK T.
AMF INC.

MORGAN, J. P., AND CO., INC.

CHASE MANHATTAN CORP.

VERITY, CALVIN WILLIAM, JR.

EQUITABLE LIFE ASSURANCE

ALLEN, IVAN, JR.

SOUTHERN RAILWAY COMPANY

BOND, WILLIAM ROBERT

AMERICAN ELECTRIC POWER COMPANY, INC.

BOESCHENSTEIN, WILLIAM W.

BANKERS TRUST NEW YORK CORP

MOORE, WILLIAM H.

FLORIDA POWER AND LIGHT COMPANY

BENNETT, GEORGE F.

FORD MOTOR CO.

BENNETT, GEORGE F.

GULF OIL CORPORATION

PEARSON, NATHAN W.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

BENNETT, GEORGE F.

KROGER COMPANY, THE

BOESCHENSTEIN, WILLIAM W.

MELLON NATIONAL CORPORATION

PEARSON, NATHAN W.

MIDDLE SOUTH UTILITIES, INC.

BENNETT, GEORGE F.

NATIONAL DETROIT CORPORATION

STINSON, GEORGE A.

SOUTHERN RAILWAY COMPANY

IRELAND, R. L.

CITICORP

HANLEY, JAMES W.

CONSOLIDATED EDISON CO OF NEW YORK

PERKINS, RICHARD S.

GENERAL ELECTRIC COMPANY

LITTLEFIELD, EDMUND W.

GOODYEAR TIRE AND RUBBER COMPANY

HAZARD, ELLISON L.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

PERKINS, RICHARD S.

MANUFACTURERS HANOVER CORPORATION

MUNROE, GEORGE B.

NEW YORK LIFE INSURANCE COMPANY

MONROE, GEORGE B.

PERKINS, RICHARD S.

PACIFIC GAS AND ELECTRIC COMPANY

MILLER, RICHARD K.

SAFEWAY STORES, INC.

MAGOWAN, ROBERT A.

SOUTHERN RAILWAY COMPANY

MUDD, HENRY T.

TENNECO, INC.

BIAGGINI, B. F.

WELLS FARGO AND COMPANY

LITTLEFIELD, EDMUND W.

WESTERN BANCORPORATION

MUDD, HENRY T.

AMERICAN AIR LINES, INC.

ASTON, JAMES W.

CASEY, ALBERT V.

BANKAMERICA CORPORATION

DILLINGHAM, LOWELL S.

FORD MOTOR CO.

MURPHY, FRANKLIN D.

PAN AMERICAN WORLD AIRWAYS, INC.

DILLINGHAM, LOWELL S.

CHESSIE SYSTEM, INC.

DECKER, ALONZO G., JR.

MANUFACTURERS HANOVER CORPORATION

MCGILLICUDDY, JOHN F.

SHELL OIL COMPANY

COOK, C. W.

WESTINGHOUSE ELECTRIC CORPORATION

MCGILLICUDDY, JOHN F.

AETNA LIFE AND CASUALTY COMPANY

SMITH, OLCOTT D.

BETHLEHEM STEEL CORPORATION

FOY, LEWIS W.

PATTERSON, ELLMORE C.

BURLINGTON NORTHERN, INC.

DAVISON, DANIEL P.

CONTINENTAL CORPORATION, THE

LEACH, RALPH F.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

EASTMAN KODAK COMPANY

FALLON, WALTER A.

FEDERATED DEPARTMENT STORES, INC.

JOHNSON, H. W.

FORD MOTOR CO.

BURGESS, CARTER L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PFOCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

COLEMAN, WILLIAM T., JR.
AMAX, INC.

CHRYSLER CORPORATION
HAUGE, GABRIEL
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL

PAN AMERICAN WORLD AIRWAYS, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
STANTON, FRANK
BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
CBS, INC.
STANTON, FRANK
TREE, MARIETTA
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
PEPSICO INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
BRANIFF INTERNATIONAL CORPORATION
LAY, HERMAN W.
STEWART, ROBERT H., III
CHEMICAL NEW YORK CORPORATION
LEARSON, T. VINCENT
CITICORP
GARVIN, CLIFTON C., JR.
DUKE POWER CO
LAY, HERMAN W.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GENERAL MOTORS CORP.
ROCHE, JAMES M.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
PAN AMERICAN WORLD AIRWAYS, INC.
KENDALL, DONALD M.

FOX, JOHN M.
BOSTON CO., INC.

CHASE MANHATTAN CORP.
VERITY, CALVIN WILLIAM, JR.
CONTINENTAL CORPORATION, THE
HURLEY, DONALD J.
FORD MOTOR CO.
IACCOCCA, LEE A.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
PAN AMERICAN WORLD AIRWAYS, INC.
WISER, FORWOOD C., JR.
SEABOARD COAST LINE INDUSTRIES, INC.
WOLBACH, WILLIAM W.
SHELL OIL COMPANY
SPAGHT, MONROE E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

H. P. HOOD, INC.
FUNSTON, G. KEITH
AVCO CORP.

ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
FIRST NATIONAL BOSTON CORP.
CARTER, JOSEPH R.
CHEMICAL NEW YORK CORPORATION AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
HARTFORD STEAM BOILER INSPECTION & INSURANCE CO.
IC INDUSTRIES, INC.
CATERPILLAR TRACTOR COMPANY
NAUMANN, WILLIAM L.
CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.
METROPOLITAN LIFE INSURANCE COMPANY
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MC LAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

	SMILEY, DONALD B.
UAL, INC.	LUCE, CHARLES F.
UNION CARBIDE CORPORATION	MASON, BIRNEY, JR.
	SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION	SMILEY, DONALD B.
NATIONAL AVIATION & TECHNOLOGY CORP.	
PAUL REVERE INVESTORS, INC.	CHEMICAL NEW YORK CORPORATION
PUTNAM TRUST CO.	MOSBACHER, EMIL, JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
REPUBLIC STEEL COPP.	HARRISON, H. STUART
WIN DIXIES STORES, INC.	
HARRIS, PATRICIA R.	AMERICAN EXPRESS COMPANY
CHASE MANHATTAN CORP.	FURLAUD, RICHARD M.
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONTINENTAL CORPORATION, THE
	BARBER, CHARLES F.
	LILLEY, ROBERT D.
	EQUITABLE LIFE ASSURANCE
	EKLUND, C. G.
	EXXON CORPORATION
	KAUFFMAN, HOWARD C.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GENERAL ELECTRIC COMPANY
	LAZARUS, RALPH
	GENERAL MOTOPFS CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	METROPOLITAN LIFE INSURANCE COMPANY
	SHINN, RICHARD R.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	SEARS, ROEBUCK AND CO.
	PACE, NORMA T.
	STANDARD OIL COMPANY OF INDIANA
	SWEARINGEN, JOHN E.
	UNION CARBIDE COPPORATION
	FERGUSON, JAMES L.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
HOUGHTON, AMORY, JR.	
CITICORP	AETNA LIFE AND CASUALTY COMPANY
	GRAY, HAPRY J.
	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DEBUTTS, JOHN D.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CBS, INC.
	THOMAS, FRANKLIN A.
	DUPONT, E. I., DE NEMOURS AND CO.
	SHAPIRO, IRVING S.
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	GRAY, HARRY J.
	FORD MOTOP CO.
	OELMAN, ROBERT S.
	GENERAL ELECTRIC COMPANY
	WRISTON, WALTER B.
	GENERAL MOTORS CORP.
	DEBUTTS, JOHN D.
	HATFIELD, ROBERT S.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	MOBIL CORPORATION
	SHELDON, ELEANOR H. B.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
	PENNEY, J. C., CO., INC.
	SEIBERT, DONALD VINCENT
	WRISTON, WALTER B.
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SEARS, ROEBUCK AND CO.
	SPENCER, WILLIAM I.
	SOUTHERN PACIFIC COMPANY
	HANLEY, JAMES W.
	STANDARD OIL COMPANY OF CALIFORNIA
	HAYNES, HAROLD J.
	PIGOTT, CHARLES M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

	UNION PACIFIC CORPORATION
	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
	UNITED STATES STEEL CORPORATION
	DEBUTTS, JOHN D.
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
CORNING GLASS WORKS	AMERICAN AIR LINES, INC.
	BURR, FRANCIS H.
	CBS, INC.
	GILPATRIC, ROSWELL L.
	CITICORP
	PALMER, EDWARD LEWIS
	EASTERN AIRLINES, INC.
	GILPATRIC, ROSWELL L.
	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	EQUITABLE LIFE ASSURANCE
	BURR, FRANCIS H.
	METROPOLITAN LIFE INSURANCE COMPANY
	HOUGHTON, J. R.
	MORGAN, J. P., AND CO., INC.
	HOUGHTON, J. R.
	UNION PACIFIC CORPORATION
	PALMER, EDWARD LEWIS
CORNING INTERNATIONAL CORP.	METROPOLITAN LIFE INSURANCE COMPANY
	HOUGHTON, J. R.
	MORGAN, J. P., AND CO., INC.
	HOUGHTON, J. R.
DOW CORNING CORP.	KRESGE, S. S., COMPANY
	GERSTOCKER, CARL A.
	METROPOLITAN LIFE INSURANCE COMPANY
	HOUGHTON, J. R.
	MORGAN, J. P., AND CO., INC.
	HOUGHTON, J. R.
NEW YORK TELEPHONE COMPANY	AMERICAN EXPRESS COMPANY
	WALLACE, MARTHA REDFIELD
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	CBS, INC.
	THOMAS, FRANKLIN A.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	THOMAS, FRANKLIN A.
	EASTERN AIRLINES, INC.
	HALL, FLOYD D.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	LINDHOLM, WILLIAM L.
	MARINE MIDLAND BANKS, INC.
	WENDEL, WILLIAM H.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	THOMAS, FRANKLIN A.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	YUNICH, DAVID L.
IRWIN, JOHN N., II	
JONES, GILBERT E.	
CONTINENTAL OIL COMPANY	AMERICAN EXPRESS COMPANY
	MCCARDELL, ARCHIE R.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HEWITT, WILLIAM A.
	BANKERS TRUST NEW YORK CORP
	BLAUVELT, HOWARD W.
	CONTINENTAL ILLINOIS CORPORATION
	HEWITT, WILLIAM A.
	EQUITABLE LIFE ASSURANCE
	BUEK, C. W.
	GENERAL TELEPHONE AND ELECTRONICS CORP.
	BLAUVELT, HOWARD W.
	UAL, INC.
	NORSTAD, LAURIS
DUPONT, E. I., DE NEMOURS AND CO.	AMERICAN STORES COMPANY
	HECKERT, RICHARD E.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BROWN, CHARLES L.
	BANKAMERICA CORPORATION
	BRIMMER, ANDREW F.
	BETHLEHEM STEEL CORPORATION
	MCCOY, CHARLES B.
	CHEMICAL NEW YORK CORPORATION
	BROWN, CHARLES L.
	CITICORP
	SHAPIRO, IRVING S.
	FEDERATED DEPARTMENT STORES, INC.
	JOHNSON, H. W.
	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	JOHNSON, H. W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
UAL, INC.
BRIMMER, ANDREW F.
MARINE MIDLAND BANKS, INC.
OWEN, NATHAN R.

GENERAL PEINSURANCE CORP.

IBM WORLD TRADE CORP.

UNITED STATES TRUST COMPANY

AMERICAN EXPRESS COMPANY
AMMIDON, HOYT
CLARK, HOWARD L.
ETHERINGTON, EDWIN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
CHRYSLER CORPORATION
KILLEFER, TOM
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
BUEK, C. W.
EQUITABLE LIFE ASSURANCE
BUEK, C. W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
MOBIL CORPORATION
CLARK, HOWARD L.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH

KATZENBACH, NICHOLAS DEB.
WASHINGTON POST CO.

FORD MOTOR CO.
MILLER, ARJAY
WELLS FARGO AND COMPANY
MILLER, ARJAY

KEITH, FUNSTON G.
KIRK, GRAYSON

DIVIDEND SHARES, INC.

GREENWICH SAVINGS BANK

CONTINENTAL OIL COMPANY
PACE, FRANK, JR.
AMERICAN EXPRESS COMPANY
AMMIDON, HOYT

NATION-WIDE SECURITIES CO, INC.

LEARSON, T. VINCENT

CHEMICAL NEW YORK CORPORATION

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WAPNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
FENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
FENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
BRANIFF INTERNATIONAL CORPORATION
LAY, HERMAN W.
STEWART, ROBERT H., III
CITICORP

PEPSICO INC.

GARVIN, CLIFTON C., JR.
DUKE POWER CO
LAY, HERMAN W.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GENERAL MOTORS CORP.
ROCHE, JAMES M.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
KENDALL, DONALD M.

MARTIN, WILLIAM MCCHESNEY, JR.
AMERICAN EXPRESS COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHASE MANHATTAN CORP.
FURLAUD, RICHARD M.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MOBIL CORPORATION
CLARK, HOWARD L.
WARNER, RAWLEIGH, JR.
TEXACO, INC.
ROOSA, ROBERT V.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.
EXXON CORPORATION
FRANKLIN, WILLIAM H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
MORGAN, LEE L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
SHELL OIL COMPANY
BLACKIE, WILLIAM
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
UNITED STATES STEEL CORPORATION
SCRIVENER, ROBERT CARLTON
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
MOBIL CORPORATION
RIORDAN, JAMES QUENTIN
MORGAN, J. P., AND CO., INC.
AUSTIN, J. PAUL
SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.
CHEMICAL NEW YORK CORPORATION
WOOD, RICHARD D.
MOBIL CORPORATION
WILLIAMS, ALBERT L.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
CHEMICAL NEW YORK CORPORATION
BERKELEY, NORBORNE, JR.
AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER G.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION
CLARK, HOWARD L.

CATERPILLAR TRACTOR COMPANY

DOW JONES AND CO., INC.

ELI LILLY & CO.

FREEPORT MINERALS CO.

GENERAL FOODS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
HOLLAND, JEROME HEARTWELL
ROYAL DUTCH PETROLEUM CO. SHELL OIL COMPANY
DE BRUYNE, D.
SPAGHT, MONROE E.
SCANDINAVIAN SECURITIES CORP. CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.
UNITED STATES STEEL CORPORATION
AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
BEEPS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEEPS, WILLIAM O.
MOLLER, MAERSK MCKINNEY
MOORE, WILLIAM H.
AMERICAN CAN COMPANY
AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
WALLACE, MARTHA REDFIELD
BANKERS TRUST NEW YORK CORP
MAY, WILLIAM F.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
FEDERATED DEPARTMENT STORES, INC.
LACHMAN, LAWRENCE
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BROOKFIELD, DUTTON
SEARS, ROEBUCK AND CO.
TELLING, EDWARD R.
BANKERS TRUST NEW YORK CORP AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ELLINGHAUS, WILLIAM M.
CONSUMERS POWER COMPANY
HANNOON, JOHN W., JR.
CONTINENTAL OIL COMPANY
BLAUVELT, HOWARD W.
FORD MOTOR CO.
CULLMAN, JOSEPH F., III
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.
MOBIL CORPORATION
LAPHAM, LEWIS A.
TAVOULAREAS, WILLIAM P.
PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.
JORDAN, VERNON E., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP INTERNATIONAL BUSINESS MACHINES CORP.

HANNA MINING CO.	WESTERN ELECTRIC CO., INC. BICKMORE, LEE S. AMERICAN ELECTRIC POWER COMPANY, INC. BOESCHENSTEIN, WILLIAM W. FLORIDA POWER AND LIGHT COMPANY BENNETT, GEORGE F. FORD MOTOR CO. BENNETT, GEORGE F. GULF OIL CORPORATION PEARSON, NATHAN W. JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY BENNETT, GEORGE F. KROGER COMPANY, THE BOESCHENSTEIN, WILLIAM W. MELLON NATIONAL CORPORATION PEARSON, NATHAN W. MIDDLE SOUTH UTILITIES, INC. BENNETT, GEORGE F. NATIONAL DETROIT CORPORATION STINSON, GEORGE A. SOUTHERN PACIFIC COMPANY BETCHEL, STEPHEN D., JR. SOUTHERN RAILWAY COMPANY IRELAND, R. L. BANKERS TRUST NEW YORK CORP BICKMORE, LEE S. GENERAL PUBLIC UTILITIES CORP. DIEHL, VAL B. MERRILL LYNCH AND COMPANY, INC. HAACK, ROBERT WILLIAM PRUDENTIAL INSURANCE CO. OF AMERICA SCHAEFERLE, ROBERT M. WESTERN ELECTRIC CO., INC. BICKMORE, LEE S.
NABISCO, INC.	
ROYAL GLOBE INSURANCE COMPANIES	BANKERS TRUST NEW YORK CORP BRITTAINE, ALFRED, III
OPEL, JOHN R.	
BANK OF NEW YORK COMPANY, INC.	FEDERATED DEPARTMENT STORES, INC. LACHMAN, LAWRENCE
PFIZER CHARLES & CO., INC.	
RIZZO, PAUL J.	
CONTINENTAL ILLINOIS CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY HEWITT, WILLIAM A. BETHLEHEM STEEL CORPORATION WRIGHT, JOSEPH S. COMMONWEALTH EDISON COREY, GORDON R. WRIGHT, JOSEPH S. CONTINENTAL OIL COMPANY HEWITT, WILLIAM A. EASTMAN KODAK COMPANY ANDERSON, ROGER E. INTERNATIONAL HARVESTER COMPANY ANDERSON, ROGER E. POTTER, KEITH R. SEARS, ROEBUCK AND CO. WOOD, ARTHUR M. STANDARD OIL COMPANY OF INDIANA MALOTT, ROBERT H. WRIGHT, JOSEPH S. YARRINGTON, BLAINE J. TRANS WORLD AIRLINES, INC. LAFONTANT, JEWEL S.
DISCOUNT CORP. OF NEW YORK	CHRYSLER CORPORATION HAUGE, GABRIEL MANUFACTURERS HANOVER CORPORATION HAUGE, GABRIEL MORGAN, J. P., AND CO., INC. COLLADO, EMILLIO G. NEW YORK LIFE INSURANCE COMPANY HAUGE, GABRIEL PENNEY, J. C., CO., INC. AXELSON, KENNETH S.
SCRANTON, WILLIAM W.	
NEW YORK TIMES CO	BANKERS TRUST NEW YORK CORP GELB, RICHARD L. MAY, WILLIAM F. CONSOLIDATED EDISON CO OF NEW YORK HEISKELL, MARIAN S. FORD MOTOR CO. HEISKELL, MARIAN S. CHASE MANHATTAN CORP. LAZARUS, RALPH FEDERATED DEPARTMENT STORES, INC. LAZARUS, RALPH GENERAL ELECTRIC COMPANY DICKEY, CHARLES D., JR. LAZARUS, RALPH MORGAN, J. P., AND CO., INC. DICKEY, CHARLES D., JR. NORFOLK AND WESTERN RAILWAY COMPANY SUTPHIN, SAMUEL REID
SCOTT PAPER CO.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF INTERNATIONAL BUSINESS MACHINES CORP.

UAL, INC.

JENKINS, WILLIAM M.

SHAPIRO, IRVING S.
BANK OF DELAWARE
CITICORP

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.

BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.

CBS, INC.

THOMAS, FRANKLIN A.

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

EQUITABLE LIFE ASSURANCE

SHELDON, ELEANOR H. B.

EXXON CORPORATION

GARVIN, CLIFTON C., JR.

GRAY, HARRY J.

FORD MOTOR CO.

OEELMAN, ROBERT S.

GENERAL ELECTRIC COMPANY

WRISTON, WALTER B.

GENERAL MOTORS CORP.

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

METROPOLITAN LIFE INSURANCE COMPANY

JENKINS, GEORGE P.

MOBIL CORPORATION

SHELDON, ELEANOR H. B.

NEW YORK LIFE INSURANCE COMPANY

THOMAS, FRANKLIN A.

PENNEY, J. C., CO., INC.

SEIBERT, DONALD VINCENT

WRISTON, WALTER B.

PROCTER AND GAMBLE COMPANY

OEELMAN, ROBERT S.

PCA CORP.

FOURAKER, LAWRENCE E.

SEARS, ROEBUCK AND CO.

SPENCER, WILLIAM I.

SOUTHERN PACIFIC COMPANY

HANLEY, JAMES W.

STANDARD OIL COMPANY OF CALIFORNIA

HAYNES, HAROLD J.

PIGOTT, CHARLES M.

UNION PACIFIC CORPORATION

BARNETT, FRANK E.

PALMER, EDWARD LEWIS

UNITED STATES STEEL CORPORATION

DEBUTTS, JOHN D.

WESTINGHOUSE ELECTRIC CORPORATION

MILLIKEN, ROGER

CONTINENTAL AMERICAN LIFE INS. CO.

DUPONT, E. I., DE NEMOURS AND CO.

EDMONDS, GEORGE P.

DUPONT, E. I., DE NEMOURS AND CO.

AMERICAN STORES COMPANY

HECKERT, RICHARD E.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

BROWN, CHARLES L.

BANKAMERICA CORPORATION

BRIMMER, ANDREW F.

BETHLEHEM STEEL CORPORATION

MCCOY, CHARLES B.

CHEMICAL NEW YORK CORPORATION

BROWN, CHARLES L.

CONTINENTAL OIL COMPANY

JONES, GILBERT E.

FEDERATED DEPARTMENT STORES, INC.

JOHNSON, H. W.

INTERNATIONAL HARVESTER COMPANY

BRIMMER, ANDREW F.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

JOHNSON, H. W.

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

UAL, INC.

BRIMMER, ANDREW F.

VANCE, CYRUS R.

NEW YORK TIMES CO

BANKERS TRUST NEW YORK CORP

GELB, RICHARD L.

MAY, WILLIAM F.

CONSOLIDATED EDISON CO OF NEW YORK

HEISKELL, MARIAN S.

FORD MOTOR CO.

HEISKELL, MARIAN S.

WATSON, THOMAS J., JR.

PAN AMERICAN WORLD AIRWAYS, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.

STANTON, FRANK

ATLANTIC RICHFIELD COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL BUSINESS MACHINES CORP.

	KENDALL, DONALD M.
	STANTON, FRANK
	BANKAMERICA CORPORATION
	DILLINGHAM, LOWELL S.
	CBS, INC.
	STANTON, FRANK
	TREE, MARIETTA
	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	WISER, FORWOOD C., JR.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	NEW YORK LIFE INSURANCE COMPANY
	STANTON, FRANK
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
TIME, INC.	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY
	FREEMAN, GAYLORD
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	FIRST CHICAGO CORPORATION
	FREEMAN, GAYLORD
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
WILLIAMS, ALBERT L.	AMERICAN BROADCASTING COMPANIES
CITIBANK, N. A.	JENKINS, GEORGE P.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CITICORP
	JENKINS, GEORGE P.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
ELI LILLY & CO.	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CHEMICAL NEW YORK CORPORATION
	WOOD, RICHARD D.
	STANDARD OIL COMPANY OF INDIANA
	WOOD, RICHARD D.
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	TAVOULAFEAS, WILLIAM P.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CITICORP
	SHELDON, ELEANOR H. B.
	EQUITABLE LIFE ASSURANCE
	SHELDON, ELEANOR H. B.

COMPANY LISTING WITH SECONDARY INTERLOCK TERM DIRECTOR
FOR INTERNATIONAL HARVESTER COMPANY

ANDERSON, ROGER E.

AMSTEAD INDUSTRIES

CONTINENTAL ILLINOIS CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HEWITT, WILLIAM A.

BETHLEHEM STEEL CORPORATION

WRIGHT, JOSEPH S.

COMMONWEALTH EDISON

COPEY, GORDON P.

WRIGHT, JOSEPH S.

CONTINENTAL OIL COMPANY

HEWITT, WILLIAM A.

INTERNATIONAL BUSINESS MACHINES CORP.

RIZZO, PAUL J.

SEAPS, ROEBUCK AND CO.

WOOD, ARTHUR M.

STANDARD OIL COMPANY OF INDIANA

MALOTT, ROBERT H.

WRIGHT, JOSEPH S.

YARRINGTON, BLAINE J.

TRANS WORLD AIRLINES, INC.

LAFONTANT, JEWEL S.

AETNA LIFE AND CASUALTY COMPANY

SHEPHERD, ROBERT A.

CITICORP

HATFIELD, ROBERT S.

GENERAL MOTORS CORP.

FALLON, WALTER A.

HATFIELD, ROBERT S.

MARINE MIDLAND BANKS, INC.

ZEPHON, GERALD E.

METROPOLITAN LIFE INSURANCE COMPANY

WALLIS, W. ALLEN

MORGAN, J. P., AND CO., INC.

FALLON, WALTER A.

PENNEY, J. C., CO., INC.

KREPS, JUANITA M.

UNITED STATES STEEL CORPORATION

MEYER, JOHN M., JR.

WESTERN ELECTRIC CO., INC.

KREPS, JUANITA M.

WESTINGHOUSE ELECTRIC CORPORATION

EILERS, LOUIS K.

JOHNSON, S. C., AND SONS

BAYS, KARL D.

AMERICAN HOSPITAL SUPPLY CORP. AMERICAN ELECTRIC POWER COMPANY, INC.

ZWIENER, KENNETH V.

GENERAL ELECTRIC COMPANY

CATHCART, SILAS S.

MOBIL CORPORATION

VAN DER EB, BENNY G.

SANTA FE INDUSTRIES, INC.

ZWIENER, KENNETH V.

JEWEL COMPANIES, INC.

CITICORP

FOURAKER, LAWRENCE E.

CONTINENTAL ILLINOIS CORPORATION

BAUMHART, RAYMOND C.

EASTMAN KODAK COMPANY

PERKINS, DONALD S.

GENERAL ELECTRIC COMPANY

CATHCART, SILAS S.

RCA CORP.

FOURAKER, LAWRENCE E.

NORTHERN TRUST CO.

NORTRUST CORP.

COMMONWEALTH EDISON

BARR, JOHN A.

DICK, ALBERT BLAKE, III

SMITH, EDWARD BYRON

GENERAL ELECTRIC COMPANY

CATHCART, SILAS S.

SCRIBNER, GILBERT H., JR.

MOBIL CORPORATION

DONNELL, EDWARD S.

NORTRUST CORP.

COMMONWEALTH EDISON

BARR, JOHN A.

DICK, ALBERT BLAKE, III

SMITH, EDWARD BYRON

GENERAL ELECTRIC COMPANY

CATHCART, SILAS S.

SCRIBNER, GILBERT H., JR.

MOBIL CORPORATION

DONNELL, EDWARD S.

BRIMMER, ANDREW F.

AMERICAN SECURITY CORP.

PROCTER AND GAMBLE COMPANY

MCGHEE, GEORGE C.

SOUTHERN RAILWAY COMPANY

CRANE, L. STANLEY

IRELAND, R. L.

TRANS WORLD AIRLINES, INC.

MCGHEE, GEORGE C.

BANK OF AMERICA NATIONAL TRUST & SAVINGS ASSN.

BANKAMERICA CORPORATION

CHRYSLER CORPORATION

HALABY, NAJEEB E.

OCCIDENTAL PETROLEUM CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL HARVESTER COMPANY

STEWART, SAMUEL BRADFORD
PACIFIC GAS AND ELECTRIC COMPANY
WENTE, KARL L.
PAN AMERICAN WORLD AIRWAYS, INC.
DILLINGHAM, LOWELL S.
SOUTHERN CALIFORNIA EDISON COMPANY
MCDANIEL, THOMAS M., JR.
STANDARD OIL COMPANY OF CALIFORNIA
GRAY, JOHN R.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

BRIMMER & CO., INC.

DUPONT, E. I., DE NEMOURS AND CO.

AMERICAN STORES COMPANY
HECKERT, RICHARD E.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
CITICORP
SHAPIRO, IRVING S.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
SHAPIRO, IRVING S.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.

NATIONAL BUREAU OF ECONOMICS RESEARCH

UAL, INC.

CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CONTINENTAL OIL COMPANY
NORSTAD, LAURIS
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
PACIFIC GAS AND ELECTRIC COMPANY
COOLEY, RICHARD P.
WELLS FARGO AND COMPANY
COOLEY, RICHARD P.

CALLAHAN, WILLIAM E.

LA SALLE NATIONAL BANK

SUN ELECTRICS CORP.

HANSEN, ARTHUR GENE

CUTLER-HAMMER, INC.

CITICORP

SMITH, DARWIN E.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
FERGUSON, FRANCIS E.
WRIGHT, J. O.

SOUTHERN COMPANY

PATILLO, HOOPER GORDON
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ELLINGHAUS, WILLIAM M.
MURPHY, WILLIAM B.

BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
GORMAN, PAUL A.

CHASE MANHATTAN CORP.

PRATT, EDMUND T., JR.
SMITH, J. STANFORD
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.

GENERAL MOTORS CORP.

SMITH, J. STANFORD
PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.
PIERCE, SAMUEL RILEY, JR.

ROVAC CORP.

KECK, GEORGE E.

JOSLYN MFG. & SUPPLY CO.

LIBERTY COMMUNICATIONS, INC.

RICHARDSON COMPANY

LANTERMAN, JOSEPH B.

AMSTED INDUSTRIES INC.

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

PHILLIPS, BERT E.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.
CHEMICAL NEW YORK CORPORATION

HARRIS BANKCORP INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL HARVESTER COMPANY

BUTTON, JAMES W.
SEARS, ROEBUCK AND CO.
BUTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
BURNHAM, JOSEPH A.
ILLINOIS BELL TELEPHONE CO. CONTINENTAL ILLINOIS CORPORATION
BERE, JAMES F.
FIRST CHICAGO CORPORATION
NEVIN, JOHN J.
ILLINOIS CENTRAL GULF RAILROAD CO.
KEMPER CORP. CHARTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.
PEOPLES GAS CO. CHASE MANHATTAN CORP.
LILLEY, ROBERT D.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
NORFOLK AND WESTERN RAILWAY COMPANY
STROTZ, ROBERT H.
STALEY, A. E., MANUFACTURING CO. CONTINENTAL ILLINOIS CORPORATION
MILLER, DONALD C.
MCCORMICK, BROOKS
COMMONWEALTH EDISON
BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
CONTINENTAL ILLINOIS CORPORATION
COREY, GORDON R.
WRIGHT, JOSEPH S.
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
AYERS, THOMAS G.
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
METROPOLITAN LIFE INSURANCE COMPANY
JOHNSON, G. E.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.
CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
RENEKER, ROBERT W.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
MELLON NATIONAL CORPORATION
CASEY, SAMUEL B., JR.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
TRANS WORLD AIRLINES, INC.
CROWN, LESTER
FIRST CHICAGO CORPORATION ATLANTIC RICHFIELD COMPANY
ANDEPSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
MORGAN, LEE L.
COMMONWEALTH EDISON
AYERS, THOMAS G.
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
AEBOD, ROBERT A.
UAL, INC.
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
MENK, LOUIS W.
ASARCO, INC. CHASE MANHATTAN CORP.
BARBER, CHARLES F.
BUTCHER, WILLARD C.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
SOUTHERN RAILWAY COMPANY
BOND, WILLIAM ROBERT

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOF INTERNATIONAL HARVESTER COMPANY
 BURLINGTON NORTHERN, INC. EQUITABLE LIFE ASSURANCE
 HENDRICKSON, ROBERT M.
 FIRST BANK SYSTEM, INC.
 NASON, PHILIP H.
 MORGAN, J. P., AND CO., INC.
 DAVISON, DANIEL P.
 NEW YORK LIFE INSURANCE COMPANY
 BUDD, J. M.
 NORTHWEST BANCORPORATION
 DOWNING, ROBERT W.
 FIRST BANK SYSTEM, INC. BURLINGTON NORTHERN, INC.
 NASON, PHILIP H.
 NORTHWEST AIRLINES, INC.
 HERZOG, RAYMOND H.
 NYROP, DONALD W.
 UNITED STATES STEEL CORPORATION
 HERZOG, RAYMOND H.
 FIRST CHICAGO CORPORATION ATLANTIC RICHFIELD COMPANY
 ANDERSON, ROBERT O.
 FREEMAN, GAYLORD
 INGERSOLL, ROBERT S.
 CATERPILLAR TRACTOR COMPANY
 INGERSOLL, ROBERT S.
 MORGAN, LEE L.
 COMMONWEALTH EDISON
 AYERS, THOMAS G.
 MCCORMICK, BROOKS
 PRINCE, WILLIAM WOOD
 SWIFT, A. DEAN
 EASTERN AIRLINES, INC.
 PRINCE, WILLIAM WOOD
 GENERAL MOTORS CORP.
 SIVAGE, GERALD A.
 METROPOLITAN LIFE INSURANCE COMPANY
 SIVAGE, GERALD A.
 SANTA FE INDUSTRIES, INC.
 WOELFLE, ARTHUR W.
 SEARS, ROEBUCK AND CO.
 AYERS, THOMAS G.
 SWIFT, A. DEAN
 STANDARD OIL COMPANY OF INDIANA
 ABBODD, ROBERT A.
 UAL, INC.
 CARLSON, EDWARD E.
 STUART, ROBERT D., JR.
 GENERAL MILLS, INC. BURLINGTON NORTHERN, INC.
 PARKER, PAUL H.
 GENERAL MOTORS CORP.
 TERRELL, RICHARD L.
 NORTHWEST BANCORPORATION
 MORRISON, JOHN W.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 MCFARLAND, JAMES P.
 GREAT MIDWEST CORP
 MINNESOTA MUTUAL LIFE INS. CO. FIRST BANK SYSTEM, INC.
 NYROP, DONALD W.
 NORTHWEST AIRLINES, INC.
 NYROP, DONALD W.
 MORGAN, GRAHAM J.
 AMERICAN HOSPITAL SUPPLY CO. AMERICAN ELECTRIC POWER COMPANY, INC.
 ZWIENER, KENNETH V.
 GENERAL ELECTRIC COMPANY
 CATHCART, SILAS S.
 MOBIL CORPORATION
 VAN DER EB, HENRY G.
 SANTA FE INDUSTRIES, INC.
 ZWIENER, KENNETH V.
 BPB INDUSTRIES, LTD.
 COMMERCE BANCSHARES, INC. MISSOURI PACIFIC CORPORATION
 KEMPER, JAMES M., JR.
 COUMBIA CORP.
 IC INDUSTRIES, INC. CATERPILLAR TRACTOR COMPANY
 NAUMANN, WILLIAM L.
 CHEMICAL NEW YORK CORPORATION
 FUNSTON, G. KEITH
 CONTINENTAL ILLINOIS CORPORATION
 JOHNSON, WILLIAM B.
 INTERNATIONAL BUSINESS MACHINES CORP.
 FUNSTON, G. KEITH
 METROPOLITAN LIFE INSURANCE COMPANY
 FUNSTON, G. KEITH
 ILLINOIS BELL TELEPHONE CO. CONTINENTAL ILLINOIS CORPORATION
 BERE, JAMES F.
 FIRST CHICAGO CO. NEVIN, JOHN J.
 MARINE MIDLAND BANKS, INC.
 DUFFY, EDWARD W.
 NORFOLK AND WESTERN RAILWAY COMPANY
 STROTZ, ROBERT H.
 STANDARD OIL COMPANY OF INDIANA
 MYERS, GEORGE V.
 WESTINGHOUSE ELECTRIC CO. BERCHER, HARRY O.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP INTERNATIONAL HARVESTER COMPANY
 CONTINENTAL ILLINOIS CORPORATION

	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HEWITT, WILLIAM A.
	BETHLEHEM STEEL CORPORATION
	WRIGHT, JOSEPH S.
	COMMONWEALTH EDISON
	COREY, GORDON R.
	WRIGHT, JOSEPH S.
	CONTINENTAL OIL COMPANY
	HEWITT, WILLIAM A.
	EASTMAN KODAK COMPANY
	ANDERSON, ROGER E.
	INTERNATIONAL BUSINESS MACHINES CORP.
	RIZZO, PAUL J.
	SEARS, ROEBUCK AND CO.
	WOOD, ARTHUR M.
	STANDARD OIL COMPANY OF INDIANA
	MALOTT, ROBERT H.
	WRIGHT, JOSEPH S.
	YARRINGTON, BLAINE J.
	TRANS WORLD AIRLINES, INC.
	LAFONTANT, JEWEL S.
GOULD, INC.	CONSUMERS POWER COMPANY
	COLE, EDWARD N.
	FIRST BANK SYSTEM, INC.
	NYROP, DONALD W.
	FIRST CHARTER FINANCIAL CORP.
	HANSBERGER, ROBERT V.
	NORTHWEST AIRLINES, INC.
	NYROP, DONALD W.
	WAKEFIELD, LYMAN E., JR.
ILLINOIS POWER CO.	
RATTALIATA, JOHN T.	
AMSTED INDUSTRIES INC.	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	PHILLIPS, BERT E.
BANCO DI ROMA	
BRUNSWICK CORP.	
DESOTO INC.	SEARS, ROEBUCK AND CO.
	KINCANNON, JACK F.
KEMPER CORP.	CHARTER NEW YORK CORP.
	STAUFFACHER, CHARLES B.
LUMBERMEN'S MUTUAL CASUALTY CO.	
SANTA FE INDUSTRIES, INC.	AMERICAN ELECTRIC POWER COMPANY, INC.
	ZWIENER, KENNETH V.
	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
	FIRST CHICAGO CORPORATION
	WOELFLE, ARTHUR W.
	GENERAL MOTORS CORP.
	PATTERSON, ELLMORE C.
	MORGAN, J. P., AND CO., INC.
	PATTERSON, ELLMORE C.
	UNION OIL COMPANY OF CALIFORNIA
	HALE, PRENTIS C.
	WESTERN ELECTRIC CO., INC.
	LAWRENCE, JOHN L.
WESTERN ELECTRIC CO., INC.	BANKERS TRUST NEW YORK CORP
	BICKMORE, LEE S.
	CHARTER NEW YORK CORP.
	BURCHAM, LESTER A.
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	MORGAN, J. P., AND CO., INC.
	PROCKNOW, DONALD E.
	PENNEY, J. C., CO., INC.
	KREPS, JUANITA M.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PROCKNOW, DONALD E.
	SANTA FE INDUSTRIES, INC.
	LAWRENCE, JOHN L.
	UNION PACIFIC CORPORATION
	KENEFICK, JOHN C.
	WOOLWORTH, F. W., CO.
	BURCHAM, LESTER A.
	GUSHMAN, JOHN LOUIS
SMITH, HAROLD BYRON	
DONNELLEY, R. R., AND SONS CO.	CONTINENTAL ILLINOIS CORPORATION
	MITCHELL, MARVIN G.
	FIRST CHICAGO CORPORATION
	JAICKS, FREDERICK G.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	BERRY, HAROLD J.
	PHILLIPS PETROLEUM COMPANY
	MEEKER, DAVID B.
ILLINOIS TOOL WORKS, INC.	COMMONWEALTH EDISON
	SMITH, EDWARD BYRON
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	NORFOLK AND WESTERN RAILWAY COMPANY
	STROTZ, ROBERT H.
	SANTA FE INDUSTRIES, INC.
	SWIFT, EDWARD F.
NORTHERN ILLINOIS GAS CO.	
NORTHRUST CORP.	COMMONWEALTH EDISON

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL HARVESTER COMPANY

	BARR, JOHN A.
	DICK, ALBERT BLAKE, III
	SMITH, EDWARD BYRON
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	SCRIBNER, GILBERT H., JR.
	MOBIL CORPORATION
	DONNELL, EDWARD S.
SPENCER, EDSON W.	
NORTHWEST BANCORPORATION	BURLINGTON NORTHERN, INC.
	DOWNING, ROBERT W.
	NORTHWEST AIRLINES, INC.
	MCNEELEY, DONALD G.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BEMIS, JUDSON
	TENNECO, INC.
	HANCOCK, THOMAS
THOMPSON, THOMAS M.	
CHEMETRON CORP.	AMERICAN EXPRESS COMPANY
GATX CORP.	AMMIDON, HOYT
	WESTINGHOUSE ELECTRIC CORPORATION
	BERCHER, HARRY O.
LA SALLE NATIONAL BANK	MARINE MIDLAND BANKS, INC.
UNITED STATES GYPSUM CO.	DUFFY, EDWARD W.
	NORFOLK AND WESTERN RAILWAY COMPANY
	STROTZ, ROBERT H.
	STANDARD OIL COMPANY OF INDIANA
	MYERS, GEORGE V.
	WESTINGHOUSE ELECTRIC CORPORATION
	BERCHER, HARRY O.
VOSS, OMER G.	CHRYSLER CORPORATION
BEATRICE FOODS CO.	COLEMAN, JOHN H.
	CITICORP
	COSTANZO, G. A.
	CONTINENTAL ILLINOIS CORPORATION
	KARNES, WILLIAM G.
ILLINOIS TOOL WORKS, INC.	COMMONWEALTH EDISON
	SMITH, EDWARD BYRON
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	NORFOLK AND WESTERN RAILWAY COMPANY
	STROTZ, ROBERT H.
	SANTA FE INDUSTRIES, INC.
	SWIFT, EDWARD F.
NORTRUST CORP.	COMMONWEALTH EDISON
	BARR, JOHN A.
	DICK, ALBERT BLAKE, III
	SMITH, EDWARD BYRON
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	SCRIBNER, GILBERT H., JR.
	MOBIL CORPORATION
	DONNELL, EDWARD S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

ARASKOG, RAND V.	EASTERN AIRLINES, INC.
BENNETT, RICHARD E.	BOUMAN, FRANK
BRITTENHAM, PAYMOND L.	ELKINS, JAMES A.
BRYAN, ANTHONY J. A.	TENNECO, INC.
CAMERON IRON WORKS, INC.	ALLEN, HERBERT
CHRYSLER CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	BANKAMERICA CORPORATION
	HALABY, NAJEEB E.
	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONSUMERS POWER COMPANY
	GRIFFITHS, MARTHA W.
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	KRESGE, S. S., COMPANY
	GRIFFITHS, MARTHA W.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	HOLLAND, JEROME HEARTWELL
	NATIONAL DETROIT CORPORATION
	GRIFFITHS, MARTHA W.
	SEMPLER, ROBERT B.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	UNION CARBIDE CORPORATION
	HOLLAND, JEROME HEARTWELL
FIRST CITY BANCORPORATION OF TEXAS INC.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	JOHNSON, BELTON K.
	EASTERN AIRLINES, INC.
	ELKINS, JAMES A.
GREAT SOUTHERN CORP.	
HAMILTON BROTHERS PETROLEUM CORP.	
SOUTHERN RAILWAY COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	CONTINENTAL CORPORATION, THE
	LEACH, RALPH F.
	MORGAN, J. P., AND CO., INC.
	LEACH, RALPH F.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
DAY, POMEROY	
HARTFORD FIRE INSURANCE CO.	TEXAS UTILITIES COMPANY
	GRIFFIN, W. M.
DUNLEAVY, FRANCIS J.	
HARTFORD FIRE INSURANCE CO.	TEXAS UTILITIES COMPANY
	GRIFFIN, W. M.
ELFERS, WILLIAM	
CONRAC CORP.	TEXAS UTILITIES COMPANY
HARTFORD FIRE INSURANCE CO.	GRIFFIN, W. M.
TERADYNE INC.	CHARTER NEW YORK CORP.
WESTVACO CORP.	DUNCAN, JOHN C.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	BERRY, HAROLD J.
FRIEDMAN, ALVIN E.	
AVNET, INC.	
KUHN LOEB & CO.	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	SCHIFF, JOHN M.
SEARS INDUSTRIES, INC.	
SUSA MERCANTILE CORP.	
GENEEN, HAROLD S.	
HARTFORD FIRE INSURANCE CO.	TEXAS UTILITIES COMPANY
	GRIFFIN, W. M.
HAMILTON, FREDERIC C.	
CELANESE CORP.	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	BANKERS TRUST NEW YORK CORP
	JORDAN, VERNON E., JR.
	CHASE MANHATTAN CORP.
	LILLEY, ROBERT D.
	CHEMICAL NEW YORK CORPORATION
	PLACE, JOHN B. M.
	CONTINENTAL CORPORATION, THE
	LILLEY, ROBERT D.
	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	METROPOLITAN LIFE INSURANCE COMPANY
	PLACE, JOHN B. M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	PENNEY, J. C., CO., INC.
	JORDAN, VERNON E., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.

FIRST NATIONAL BANCORPORATION
GATES LEARJET CORP.
HAMILTON BROTHERS OIL CO.
HAMILTON BROTHERS PETROLEUM CORP.

CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.

INTERNATIONAL MINING CORP.
UNITED STATES TRUST COMPANY

AMERICAN EXPRESS COMPANY
AMMIDON, HOYT
CLARK, HOWARD L.
ETHERINGTON, EDWIN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
CHRYSLER CORPORATION
KILLEFER, TOM
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
BUEK, C. W.
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
EQUITABLE LIFE ASSURANCE
BUEK, C. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
MOBIL CORPORATION
CLARK, HOWARD L.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH

VAN SCHAAK & CO.
HAMILTON, LYMAN C.
EUROPEAN-AMERICAN BANK & TRUST CO.
EUROPEAN-AMERICAN BANKING CORP.

KESSEE, THOMAS W., JR.
AGLIC INVESTING & MANAGEMENT CO., INC.
AMERICAN GUARANTEE & LIABILITY INSURANCE CO.
AVIS, INC.

AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
CONTINENTAL CORPORATION, THE
BELL, DRUMMOND C.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
TRAVELERS INSURANCE COMPANY
SHAPIRO, ELI
TEXACO, INC.
PHIPPS, OGDEN
NORTHWESTERN MUTUAL LIFE INSURANCE CO
HOLTON, RICHARD HENRY

BESSEMER SECURITIES CORP.

DYMO INDUSTRIES INC.

INVERSONES CREMERCA, S. A.
UNITED PIECE DYE WORKS
ZURICH LIFE INSURANCE CO.

KNORTZ, HERBERT C.
HARTFORD FIRE INSURANCE CO.

TEXAS UTILITIES COMPANY
GRIFFIN, W. M.

LANNAN, J. PATRICK
ADVANCE ROSS CORPORATION
MACMILLAN INC.

EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN

LESTER, JAMES V.
HARTFORD FIRE INSURANCE CO.

TEXAS UTILITIES COMPANY
GRIFFIN, W. M.

MCCONE, JOHN A.
PERKINS, RICHARD S.
ALLIED CHEMICAL CORP.

CHARTER NEW YORK CORP.
GIBLIN, E. BURKE
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SHINN, RICHARD R.
GENERAL MOTORS CORP.
CONNOR, JOHN T.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NORFOLK AND WESTERN RAILWAY COMPANY
FISCHWICK, JOHN P.

CONSOLIDATED EDISON CO OF NEW YORK

CHEMICAL NEW YORK CORPORATION
RENNARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
CONTINENTAL CORPORATION, THE
PAINE, PETER S.
EQUITABLE LIFE ASSURANCE
MUMFORD, MILTON C.
FORD MOTOR CO.
HEISKELL, MARIAN S.
MANUFACTURERS HANOVER CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK TRU DIPECTOR
FOR INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

BEINECKE, WILLIAM S.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
NEW YORK LIFE INSURANCE COMPANY
RENCHARD, WILLIAM S.
UAL, INC.
LUCE, CHARLES F.
HOSPITAL CORP. OF AMERICA
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
FENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
SCANDINAVIAN SECURITIES CORP. AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
SOUTHERN PACIFIC COMPANY
CITICORP
HANLEY, JAMES W.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
INTEPNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
MANUFACTURERS HANOVER CORPORATION
MUNROE, GEORGE B.
NEW YORK LIFE INSURANCE COMPANY
MONROE, GEORGE B.
PACIFIC GAS AND ELECTRIC COMPANY
MILIER, RICHARD K.
SAFEWAY STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.
UNA CORP
ROHATYN, FELIX G.
ENGELHARD MINERALS & CHEMICALS CORP.
PRUDENTIAL INSURANCE CO. OF AMERICA
MEYNER, R. B.
HOMART TURBINE COMPONENTS CORP.
OWENS-ILLINOIS, INC.
CITICORP
COSTANZO, G. A.
GOODYEAR TIRE AND RUBBER COMPANY
DODD, EDWIN D.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DODD, EDWIN D.
PECHINEY UGINE KUHLMANN CORP.
PFIZER INC.
CHASE MANHATTAN CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOF INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

PRATT, EDMUND T., JR.
 RCA CORP.

KENNEDY, WILLIAM J., III

SANFORD, TERRY

ATLANTIC & EAST COAST RAILWAY
 CITIES SERVICE CO.

AMERICAN BROADCASTING COMPANIES

ADAM, RAY C.

CHASE MANHATTAN CORP.

LILLEY, ROBERT D.

CONTINENTAL CORPORATION, THE

LILLEY, ROBERT D.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

SELLERS, ROBERT

MANUFACTURERS HANOVER CORPORATION

MCGILLICUDDY, JOHN F.

WESTINGHOUSE ELECTRIC CORPORATION

MCGILLICUDDY, JOHN F.

ESQUIRE INC.

SCHOEN, HERBERT P.

CBT CORPORATION

AETNA LIFE AND CASUALTY COMPANY

BARNES, WALLACE

CONNECTICUT GENERAL LIFE INSURANCE COMPANY

ENGLISH, J. F., JR.

MARTIN, ERLE

SUISMAN, MICHAEL

WALDRON, H. B., JR.

TRAVELERS INSURANCE COMPANY

SHAPIRO, ELI

WILKINS, ROGER C.

HARTFORD FIRE INSURANCE CO.

TEXAS UTILITIES COMPANY

GRIFFIN, W. M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR INVESTORS DIVERSIFIED SERVICES, INC.

BOOTHE, D. P., JR.	
BOOTHE COMPUTER CORP.	
BUFORD, CURTIS DONALD	
TRAILER TRAIN CO.	
CULBERTSON, JOHN HARRISON	
FUNKHOUSER, ELMER N.	
WEST CHEMICAL PRODUCTS, INC.	
KENNA, EDGAR DOUGLAS, JR.	
CARLISLE CORP.	
KIRBY, ALLAN PRICE, JR.	WOOLWORTH, F. W., CO.
ALLEGHANY CORPORATION	KIRBY, FRED MORGAN, II
KIRBY, FRED MORGAN, II	
ALLEGHANY CORPORATION	
DILLARD PAPER CO.	
PITTSSTON CO., THE	
U. S. INDUSTRIES, INC.	KRESGE, S. S., COMPANY
	PURCELL, ROBERT W.
	GENERAL ELECTRIC COMPANY
	PIERCE, SAMUEL RILEY, JR.
	NORFOLK AND WESTERN RAILWAY COMPANY
	FOWLER, HENRY H.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PIERCE, SAMUEL RILEY, JR.
	YUNICH, DAVID L.
WOOLWORTH, F. W., CO.	CHARTER NEW YORK CORP.
	BURCHAM, LESTER A.
	WALLIS, GORDON T.
	EQUITABLE LIFE ASSURANCE
	JAMES, GEORGE F.
	WESTERN ELECTRIC CO., INC.
	BURCHAM, LESTER A.
	GUSHMAN, JOHN LOUIS
MCGINLEY, EDWARD FRANCIS	KRESGE, S. S., COMPANY
PITTSSTON CO., THE	PURCELL, ROBERT W.
	WOOLWORTH, F. W., CO.
	KIRBY, FRED MORGAN, II
OREM, CHARLES REACE	
SILLOWAY, STUART FURBISH	
DOMAIN INDUSTRIES, INC.	
JOSTENS INC.	
NATIONAL DATA COMMUNICATIONS, INC.	
NEWMONT MINING CORP.	BANKERS TRUST NEW YORK CORP
	MALOZEMOFF, PLATO
	MASSACHUSETTS FINANCIAL SERVICES, INC.
	MOSES, WILLIAM BRYAN, JR.
NORTH AMERICAN FINANCIAL CORP.	
WOODBERRY, PAUL FRANCIS	
CENTEX CORP.	
MSL INDUSTRIES, INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

BENNETT, GEORGE F.	LORD, ABBETT AND COMPANY
FEDERAL STREET FUND INC.	MCCARTHY, JOHN MICHAEL
FLORIDA POWER AND LIGHT COMPANY	BANKERS TRUST NEW YORK CORP
	CULLMAN, JOSEPH F., III
FORD MOTOR CO.	CITICORP
	OELMAN, ROBERT S.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	EQUITABLE LIFE ASSURANCE
	WHARTON, CLIFTON R.
	MORGAN, J. P., AND CO., INC.
	BURGESS, CARTER L.
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	WELLS FARGO AND COMPANY
	MILLER, ARJAY
HANNA MINING CO.	AMERICAN ELECTRIC POWER COMPANY, INC.
	BOESCHENSTEIN, WILLIAM W.
	BANKERS TRUST NEW YORK CORP
	MOORE, WILLIAM H.
	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BETCHEL, STEPHEN D., JR.
	MOORE, WILLIAM H.
	KROGER COMPANY, THE
	BOESCHENSTEIN, WILLIAM W.
	MELLON NATIONAL CORPORATION
	PEARSON, NATHAN W.
	NATIONAL DETROIT CORPORATION
	STINSON, GEORGE A.
	SOUTHERN PACIFIC COMPANY
	BETCHEL, STEPHEN D., JR.
	SOUTHERN RAILWAY COMPANY
	IRELAND, R. L.
HEWLETT PACKARD CORP.	CATERPILLAR TRACTOR COMPANY
	PACKARD, DAVID
	CHASE MANHATTAN CORP.
	HEWLETT, WILLIAM R.
	CHRYSLER CORPORATION
	HEWLETT, WILLIAM R.
	SAFEWAY STORES, INC.
	ARBUCKLE, ERNEST C.
	STANDARD OIL COMPANY OF CALIFORNIA
	PACKARD, DAVID
	TRANS WORLD AIRLINES, INC.
	PACKARD, DAVID
	WELLS FARGO AND COMPANY
	ARBUCKLE, ERNEST C.
MIDDLE SOUTH UTILITIES, INC.	DELTA AIR LINES CORPORATION
	FREEMAN, RICHARD W.
NEW ENGLAND ELECTRIC SYSTEM	AMERICAN AIR LINES, INC.
	BURR, FRANCIS H.
	EQUITABLE LIFE ASSURANCE
	BURR, FRANCIS H.
	FIRST NATIONAL BOSTON CORP.
	NICHOLS, GUY W.
ROCKEFELLER UNIVERSITY	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
STATE STREET INVESTMENT CORP.	AMERICAN AIR LINES, INC.
	BURR, FRANCIS H.
	EQUITABLE LIFE ASSURANCE
	BURR, FRANCIS H.
	GENERAL ELECTRIC COMPANY
	LAWRENCE, JOHN E.
	METROPOLITAN LIFE INSURANCE COMPANY
	NICKERSON, ALBERT L.
STATE STREET RES. & MAN. CO.	
BLEICKEN, GERHARD D.	MISSOURI PACIFIC CORPORATION
FIRST NATIONAL BOSTON CORP.	MARTIN, JAMES R.
	AMERICAN ELECTRIC POWER COMPANY, INC.
	FOLSOM, RICHARD G.
	GAVIN, JAMES M.
LITTLE, ARTHUR D., INC.	CHARTER NEW YORK CORP.
	SILLIN, LELAN F., JR.
	FIRST NATIONAL BOSTON CORP.
	WILLIAMS, BEN AMES, JR.
	NORTHEAST UTILITIES
	SILLIN, LELAN F., JR.
	PACIFIC GAS AND ELECTRIC COMPANY
	HAIT, JAMES M.
CANNERS, N. L.	
STOP & SHOP COMPANIES, INC.	CONTINENTAL CORPORATION, THE
	HURLEY, DONALD J.
	SEABOARD COAST LINE INDUSTRIES, INC.
	WOLBACH, WILLIAM W.
FIGGINS, W. P.	
FEDERATED DEPARTMENT STORES, INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL

MASSACHUSETTS MERCHANTS, INC.
GAVIN, JAMES M.

AMERICAN ELECTRIC POWER COMPANY, INC.
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
CBS, INC.
STANTON, FRANK
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SANTA FE INDUSTRIES, INC.
ZWIENER, KENNETH V.
LITTLE, ARTHUR D., INC. AMERICAN ELECTRIC POWER COMPANY, INC.
FOLSOM, RICHARD S.
CHAFET NEW YORK CORP.
SILLIN, LELAN F., JR.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
WILLIAMS, BEN AMES, JR.
NORTHEAST UTILITIES
SILLIN, LELAN F., JR.
PACIFIC GAS AND ELECTRIC COMPANY
HAIT, JAMES M.

NEW ENGLAND MERCHANTS BANK
GIFFORD, NELSON S.

DENNISON MANUFACTURING CO. FIRST NATIONAL BOSTON CORP.
FAREWELL, FRANK L.
DENNISON MANUFACTURING CO. FIRST NATIONAL BOSTON CORP.
FAREWELL, FRANK L.
FIRST NATIONAL BOSTON CORP. MISSOURI PACIFIC CORPORATION
MARTIN, JAMES R.

MICROWAVE ASSOCIATE INC.
HANIFY, EDWARD B.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGRAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
BOSTON EDISON CO. FIRST NATIONAL BOSTON CORP.
FAREWELL, FRANK L.
GALLIGAN, THOMAS J., JR.
ROPES & GRAY
STATE STREET BOSTON FINANCIAL CORP.
HILL, RICHARD DEVEREUX
FIRST NATIONAL BOSTON CORP. MISSOURI PACIFIC CORPORATION
MARTIN, JAMES R.
NEW ENGLAND TELEPHONE & TELEGRAPH CO.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, MAURICE
FIRST NATIONAL BOSTON CORP.
MERCER, WILLIAM C.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
POLAROID CORP. AMERICAN TELEPHONE AND TELEGRAPH COMPANY
KILLIAN, JAMES R., JR.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
JONES, F. S.
RAYTHEON CO. FIRST NATIONAL BOSTON CORP.
HOLMES, D. BRAINERD
MOCKLER, COLMAN M., JR.
METROPOLITAN LIFE INSURANCE COMPANY
NICKERSON, ALBERT L.
NICKERSON, ALBERT L.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.
HOGAN, WILLIAM J.
JOHNSON, H. W.
CHAMPION INTERNATIONAL CORP. ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
FIRST NATIONAL BOSTON CORP.
CHARPIE, ROBERT A.
GOODYEAR TIRE AND RUBBER COMPANY
GERSTENMAIER, JOHN H.
RCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
WESTINGHOUSE ELECTRIC CORPORATION
BENDETSSEN, KARL R.
DUPONT, E. I., DE NEMOURS AND CO.
AMERICAN STORES COMPANY
HECKERT, RICHARD E.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
CITICORP
SHAPIRO, IRVING S.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
SHAPIRO, IRVING S.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
UAL, INC.
BRIMMER, ANDREW F.
FEDERATED DEPARTMENT STORES, INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
UNION CARBIDE CORPORATION
HOLLAND, JESOME HEAPTWELL

MASS. INST. OF TECHNOLOGY
MORGAN, J. P., AND CO., INC.

AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.

BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.

BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.

CONTINENTAL CORPORATION, THE
LEACH, RALPH P.

EASTMAN KODAK COMPANY
FALLON, WALTER A.

FORD MOTOR CO.
BURGESS, CAPTER L.

GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.

PRESTON, LEWIS T.
GENERAL MOTORS CORP.

FALLON, WALTER A.
MORGENS, HOWARD J.

PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.

CARY, FRANK T.
METROPOLITAN LIFE INSURANCE COMPANY

HOUGHTON, J. E.
MISSOURI PACIFIC CORPORATION

SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY

BROWN, F. MANNING, JR.
FROCTER AND GAMBLE COMPANY

MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.

PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.

SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY

LEACH, RALPH P.
UNION CARBIDE CORPORATION

BROWN, F. MANNING, JR.
WESTERN ELECTRIC CO., INC.

PROCKNOW, DONALD E.

JONES, G. B.

ARMWRIGHT-BOSTON MFF MUTUAL INS. CO.

ATLANTA GAS LIGHT COMPANY

COASTAL STATES CORP.

ELIOT SAVINGS BANK

FULTON NATIONAL CORPORATION

JOHN HANCOCK FUNDS

PAYTHEON CO.

FIRST NATIONAL BOSTON CORP.

HILL, RICHARD DEVEREUX

HOLMES, D. BRAINERD

MOCKLER, COLMAN M., JR.

METROPOLITAN LIFE INSURANCE COMPANY

NICKERSON, ALBERT L.

NICKERSON, ALBERT L.

PAN AMERICAN WORLD AIRWAYS, INC.

ADAMS, CHARLES F.

HOGAN, WILLIAM J.

SIELER CO., THE

LUTNICKI, V. A.

MAHER, F. B.

MORAWK DATA SCIENCES CORP.

STATE STREET BOSTON FINANCIAL CORP.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HANIFY, EDWARD B.

MATZ, J. E.

SHAWMUT CORP.

MCLEWEE, J. G.

NEW ENGLAND MERCHANTS BANK

AMERICAN ELECTRIC POWER COMPANY, INC.

GAVIN, JAMES M.

ULMAC ASSOCIATES

MERCER, WILLIAM C.

FIRST NATIONAL BOSTON CORP.

MISSOURI PACIFIC CORPORATION

MARTIN, JAMES R.

NEW ENGLAND TELEPHONE & TELEGRAPH CO.

FEDERATED DEPARTMENT STORES, INC.

LAZARUS, MAURICE

FIRST NATIONAL BOSTON CORP.

HILL, RICHARD DEVEREUX

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

LAZARUS, MAURICE

MOCKLER, COLMAN M., JR.

FABREEKA PRODUCTS CO.

FIRST NATIONAL BOSTON CORP.

MISSOURI PACIFIC CORPORATION

MARTIN, JAMES R.

GILLETTE CO.

CITICORP

FOURAKER, LAWRENCE E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

	EASTMAN KODAK COMPANY
	MEYER, JOHN M., JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
	PCA CORP.
	FOURAKER, LAWRENCE E.
	SEAFS, ROEBUCK AND CO.
	MEYER, CHARLES A.
	UNITED STATES STEEL CORPORATION
	MEYER, JOHN M., JR.
RAYTHEON CO.	FIRST NATIONAL BOSTON CORP.
	HILL, RICHARD DEVEREUX
	HOLMES, D. BRAINERD
	METROPOLITAN LIFE INSURANCE COMPANY
	NICKERSON, ALBERT L.
	NICKERSON, ALBERT L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
	HOGAN, WILLIAM J.
MORTON, E. J.	
O'KEEFE, BERNARD J.	
BOSTON EDISON CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HANIFY, EDWARD B.
	FIRST NATIONAL BOSTON CORP.
	FAREWELL, FRANK L.
	GALLIGAN, THOMAS J., JR.
EG & G INC.	
INTERCONTINENTAL ENERGY CORP.	
LFE CORP.	
NEW ENGLAND MERCHANTS CO., INC.	
PHILLIPS, THOMAS L.	
RAYTHEON CO.	FIRST NATIONAL BOSTON CORP.
	HILL, RICHARD DEVEREUX
	HOLMES, D. BRAINERD
	MOCKLER, COLMAN M., JR.
	METROPOLITAN LIFE INSURANCE COMPANY
	NICKERSON, ALBERT L.
	NICKERSON, ALBERT L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
	HOGAN, WILLIAM J.
SHAWMUT CORP.	
STATE STREET INVESTMENT CORP.	AMERICAN AIR LINES, INC.
	BURR, FRANCIS H.
	EQUITABLE LIFE ASSURANCE
	BURR, FRANCIS H.
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	FORD MOTOR CO.
	BENNETT, GEORGE F.
	GENERAL ELECTRIC COMPANY
	LAWRENCE, JOHN E.
	METROPOLITAN LIFE INSURANCE COMPANY
	NICKERSON, ALBERT L.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
ROBERTSON, MARY ELLA	
SELLERS, ROBERT	
CITIES SERVICE CO.	AMERICAN BROADCASTING COMPANIES
	ADAM, RAY C.
	CHASE MANHATTAN CORP.
	LILLEY, ROBERT D.
	CONTINENTAL CORPORATION, THE
	LILLEY, ROBERT D.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	SANFORD, TERRY
	MANUFACTURERS HANOVER CORPORATION
	MCGILLICUDDY, JOHN F.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
FIRST TULSA BANCORPORATION, INC.	
	MISSOURI PACIFIC CORPORATION
	GUSSMAN, HERBERT
VAPPI, C. VINCENT	
BOSTON SAFE DEPOSIT & TRUST CO.	
JAMESBURY CORP.	
PETRY-VAPPI CONSTRUCTION CO.	UAL, INC.
	PETRY, NICHOLAS R.
TECHNICAL OPERATIONS INC.	
WASHBURN, H. B., JR.	
FIRST NATIONAL BANK OF BOSTON (TRUST BOARD)	
NEW ENGLAND TELEPHONE & TELEGRAPH CO.	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, MAURICE
	FIRST NATIONAL BOSTON CORP.
	HILL, RICHARD DEVEREUX
	MERCER, WILLIAM C.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	LAZARUS, MAURICE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR KRESGE, S. S., COMPANY

AYMOND, A. H.

CONSUMERS POWER COMPANY

BANKERS TRUST NEW YORK CORP

HANNON, JOHN W., JR.

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

NATIONAL DETROIT CORPORATION

GRIFFITHS, MARTHA W.

MCKONE, DON T.

AMERICAN ELECTRIC POWER COMPANY, INC.

ZWIENER, KENNETH V.

CONSUMERS POWER COMPANY

ROLL, LYLE C.

PHILLIPS PETROLEUM COMPANY

WHARTON, DOLORES D.

SANTA FE INDUSTRIES, INC.

ZWIENER, KENNETH V.

NATIONAL DETROIT CORPORATION

AMERICAN AIR LINES, INC.

FISCHER, CHARLES T., III

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

SEMPLE, ROBERT B.

CONSUMERS POWER COMPANY

GRIFFITHS, MARTHA W.

MCKONE, DON T.

DETROIT EDISON COMPANY

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

HAMANN, JOHN R.

HUDSON, JOSEPH L., JR.

GENERAL MOTORS CORP.

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

GENERAL MOTORS CORP.

CLEARY, CATHERINE B.

MELLON NATIONAL CORPORATION

BYROM, FLETCHER L.

NORTHWEST BANCORPORATION

BEMIS, JUDSON

BACHNER, ARNOLD H.

BALDWIN, WILLIAM H.

STANDARD SAVINGS & LOAN ASSN.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BUTLER, A. L., JR.

BODMAN, HENRY T.

MICHIGAN BELL TELEPHONE CO.

CHRYSLER CORPORATION

MACDONALD, RAY W.

NATIONAL DETROIT CORPORATION

EASLICK, DAVID K.

NATIONAL DETROIT CORPORATION

AMERICAN AIR LINES, INC.

FISCHER, CHARLES T., III

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

SEMPLE, ROBERT B.

CONSUMERS POWER COMPANY

AYMOND, A. H.

GRIFFITHS, MARTHA W.

MCKONE, DON T.

DETROIT EDISON COMPANY

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

HAMANN, JOHN R.

HUDSON, JOSEPH L., JR.

GENERAL MOTORS CORP.

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

AYMOND, A. H.

NATIONAL STEEL CORP.

BANKERS TRUST NEW YORK CORP

MARTING, WALTER A.

CHEMICAL NEW YORK CORPORATION

HILLMAN, HENRY L.

GENERAL ELECTRIC COMPANY

HILLMAN, HENRY L.

NATIONAL DETROIT CORPORATION

CUNNINGHAM, HARRY B.

STINSON, GEORGE A.

COLLINS, MORGAN

CUNNINGHAM, HARRY B.

BENDIX CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.

FOLSOM, RICHARD G.

CHASE MANHATTAN CORP.

EKLUND, C. G.

CHEMICAL NEW YORK CORPORATION

VILA, GEORGE R.

CONSUMERS POWER COMPANY

MOTT, C. S. HARDING

CONTINENTAL ILLINOIS CORPORATION

LAFONTANT, JEWEL S.

EQUITABLE LIFE ASSURANCE

AGEE, WILLIAM M.

EFLUND, C. G.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR KRESGE, S. S., COMPANY

BURROUGHS CORP.	<p>AGEE, WILLIAM M. TRANS WORLD AIRLINES, INC. LAFONTANT, JEWEL S. CHRYSLER CORPORATION MACDONALD, RAY W. DETROIT EDISON COMPANY SCHWARTZ, ALAN EARL EQUITABLE LIFE ASSURANCE WHARTON, CLIFTON R. FORD MOTOR CO. WHARTON, CLIFTON R. NATIONAL DETROIT CORPORATION SURDAM, ROBERT M.</p>
NATIONAL DETROIT CORPORATION	<p>AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III CHRYSLER CORPORATION GRIFFITHS, MARTHA W. SEMPLE, ROBERT B. CONSUMERS POWER COMPANY AYMOND, A. H. GRIFFITHS, MARTHA W. MCKONE, DON T. DETROIT EDISON COMPANY FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. HAMANN, JOHN R. HUDSON, JOSEPH L., JR. GENERAL MOTORS CORP. FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. NORTHWESTERN MUTUAL LIFE INSURANCE CO AYMOND, A. H.</p>
NATIONAL STEEL CORP.	<p>BANKERS TRUST NEW YORK CORP MARTING, WALTER A. CHEMICAL NEW YORK CORPORATION HILLMAN, HENRY L. GENERAL ELECTRIC COMPANY HILLMAN, HENRY L. NATIONAL DETROIT CORPORATION BODMAN, HENRY T. STINSON, GEORGE A. CHARTER NEW YORK CORP. GIBLIN, E. BURKE CHASE MANHATTAN CORP. CONNOR, JOHN T. DETROIT EDISON COMPANY SHONTZ, PATRICIA JANE GENERAL MOTORS CORP. CONNOR, JOHN T.</p>
WARNER-LAMBERT CO.	
DEWAR, ROBERT E. GERSTOCKER, CARL A. CARRIER CORP.	<p>BANKERS TRUST NEW YORK CORP BICKMORE, LEE S. MELLON NATIONAL CORPORATION BARKER, ROBINSON F. WESTERN ELECTRIC CO., INC. BICKMORE, LEE S.</p>
CHEMICAL FINANCIAL CORP. DOW CHEMICAL CORP. DOW CORNING CORP.	<p>CITICORP HOUGHTON, AMORY, JR. INTERNATIONAL BUSINESS MACHINES CORP. HOUGHTON, AMORY, JR. METROPOLITAN LIFE INSURANCE COMPANY HOUGHTON, J. R. MORGAN, J. P., AND CO., INC. HOUGHTON, J. R. BANKERS TRUST NEW YORK CORP MARTING, WALTER A. DETROIT EDISON COMPANY MEESE, WILLIAM G. MELLON NATIONAL CORPORATION EVANS, RAYMOND F. BANKERS TRUST NEW YORK CORP MARTING, WALTER A. WELLS FARGO AND COMPANY MILLER, PAUL A.</p>
EATON CORP.	
NATIONAL CITY CORP.	
GRIFFIN, ROBERT H. GRIFFITHS, MARTHA W. CHRYSLER CORPORATION	<p>AMERICAN TELEPHONE AND TELEGRAPH COMPANY HOLLAND, JEROME HEARTWELL BANKAMERICA CORPORATION HALABY, NAJEEB E. CHASE MANHATTAN CORP. DILLWORTH, J. RICHARDSON HEWLETT, WILLIAM R. CONTINENTAL CORPORATION, THE HOLLAND, JEPOME HEARTWELL FEDERATED DEPARTMENT STORES, INC. HOLLAND, JEROME HEARTWELL INTERNATIONAL TELEPHONE AND TELEGRAPH CO. BRYAN, ANTHONY J. A. MANUFACTURERS HANOVER CORPORATION HAUGE, GABRIEL</p>

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR KRESGE, S. S., COMPANY

	HOLLAND, JEFOME HEARTWELL
	NATIONAL DETROIT CORPORATION
	SEMPLE, ROBERT B.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	SOUTHERN RAILWAY COMPANY
	BRYAN, ANTHONY J. A.
	UNION CARBIDE CORPORATION
	HOLLAND, JEFOME HEARTWELL
CONSUMERS POWER COMPANY	BANKERS TRUST NEW YORK CORP
	HANNON, JOHN W., JR.
	NATIONAL DETROIT CORPORATION
	AYMOND, A. H.
	MCKONE, DON T.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	AYMOND, A. H.
NATIONAL DETROIT CORPORATION	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	CHRYSLER CORPORATION
	SEMPLE, ROBERT B.
	CONSUMERS POWER COMPANY
	AYMOND, A. H.
	MCKONE, DON T.
	DETROIT EDISON COMPANY
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	HAMANN, JOHN R.
	HUDSON, JOSEPH L., JR.
	GENERAL MOTORS CORP.
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	AYMOND, A. H.
HARPER, DAVID B.	
DETROIT EDISON COMPANY	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	GENERAL MOTORS CORP.
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	NATIONAL DETROIT CORPORATION
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	HAMANN, JOHN R.
	HUDSON, JOSEPH L., JR.
STUDENT LOAN MARKETING ASSOC.	
KRESGE, STANLEY S.	
LAWSON, ROLLAND	
MCCRACKEN, PAUL W.	
CONSOLIDATED FOODS CORPORATION	FIRST CHICAGO CORPORATION
	THOMAS, RICHARD L.
	WELLS FARGO AND COMPANY
	GUGGENHIME, RICHARD E.
HOOVER BALL & BEARING CO.	
INVESTORS GROUP FUNDS	
LINCOLN NATIONAL CORP.	AMERICAN BROADCASTING COMPANIES
	COOK, DONALD C.
	AMERICAN ELECTRIC POWER COMPANY, INC.
	MENGE, WALTER O.
	GOODYEAR TIRE AND RUBBER COMPANY
	PLATT, ROBERT HOLMES
TEXAS INSTRUMENTS, INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BATTEN, WILLIAM M.
	MERRILL LYNCH AND COMPANY, INC.
	SMITH, BRYAN F.
	PENNEY, J. C., CO., INC.
	BATTEN, WILLIAM M.
MORCK, GRANT W.	
PURCELL, ROBERT W.	
BASIC RESOURCES INTERNATIONAL S. A.	
BENDIX CORP.	AMERICAN ELECTRIC POWER COMPANY, INC.
	FOLSON, RICHARD G.
	CHASE MANHATTAN CORP.
	EKLUND, C. G.
	CHEMICAL NEW YORK CORPORATION
	VILA, GEORGE R.
	CONSUMERS POWER COMPANY
	MOTT, C. S. HARDING
	CONTINENTAL ILLINOIS CORPORATION
	LAFONTANT, JEWEL S.
	EQUITABLE LIFE ASSURANCE
	AGEE, WILLIAM M.
	EKLUND, C. G.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	AGEE, WILLIAM M.
	NATIONAL DETROIT CORPORATION
	CUNNINGHAM, HARRY B.
	TRANS WORLD AIRLINES, INC.
	LAFONTANT, JEWEL S.
C. I. T. FINANCIAL CORP.	AMERICAN AIR LINES, INC.
	CASEY, ALBERT V.
	EDLEY, CHRISTOPHER F.
	MOBIL CORPORATION
	SCHMIDT, HERMAN J.
INTERNATIONAL BASIC ECONOMY CORP.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR KRESGE, S. S., COMPANY

	CHARTER NEW YORK CORP.
	DUNCAN, JOHN C.
	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	GENERAL ELECTRIC COMPANY
	PIERCE, SAMUEL RILEY, JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PIERCE, SAMUEL RILEY, JR.
INTERNATIONAL MINERALS & CHEMICAL CORP.	
	BANKERS TRUST NEW YORK CORP
	BAYLIS, CHESTER, JR.
	LENON, RICHARD A.
	CHRYSLER CORPORATION
	COLEMAN, JOHN H.
	MELLON NATIONAL CORPORATION
	RYAN, JOHN T., JR.
	UNION PACIFIC CORPORATION
	TAYLOR, VERNON F., JR.
INVESTORS GROUP, THE	
PITTSFORD CO., THE	INVESTORS DIVERSIFIED SERVICES, INC.
	KIRBY, FRED MORGAN, II
	MCGINLEY, EDWARD FRANCIS
	WOOLWORTH, F. W., CO.
	KIRBY, FRED MORGAN, II
ROCKEFELLER CENTER, INC.	CHASE MANHATTAN CORP.
	DILLWORTH, J. RICHARDSON
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
ROCKEFELLER FAMILY AND ASSOCIATES	
	EASTERN AIRLINES, INC.
	WOODWARD, HARPER
SEABOARD WORLD AIRLINES, INC.	
RUSSELL, GEORGE	
KENNECOTT COPPER CORP.	CITICORP
	HATFIELD, ROBERT S.
	EASTERN AIRLINES, INC.
	PHALEN, CLIFTON W.
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	GENERAL MOTORS CORP.
	HATFIELD, ROBERT S.
	GOODYEAR TIRE AND RUBBER COMPANY
	DEVOUNG, RUSSELL
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	SCHIFF, JOHN M.
	MORGAN, J. P., AND CO., INC.
	PAGE, WALTER H.
	PENNEY, J. C., CO., INC.
	MACBAIN, GAVIN KEITH
	PROCTER AND GAMBLE COMPANY
	MILLIKEN, FRANK R.
TENINGA, WALTER H.	
WARDLOW, ERVIN E.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF KROGER COMPANY, THE

ANDRAE, H. U.

BAKER, JAMES E.

BOESCHENSTEIN, WILLIAM W.

AMERICAN ELECTRIC POWER COMPANY, INC.

ATLANTIC RICHFIELD COMPANY

STANTON, FRANK

CBS, INC.

STANTON, FRANK

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

GAVIN, JAMES M.

NEW YORK LIFE INSURANCE COMPANY

STANTON, FRANK

PAN AMERICAN WORLD AIRWAYS, INC.

STANTON, FRANK

SANTA FE INDUSTRIES, INC.

ZWIENER, KENNETH V.

CHARTER NEW YORK CORP.

STAUFFACHER, CHARLES B.

FIRST CHICAGO CORPORATION

NEVIN, JOHN J.

MARINE MIDLAND BANKS, INC.

HUBNER, ROBERT W.

BANKERS TRUST NEW YORK CORP

MOORE, WILLIAM H.

FLORIDA POWER AND LIGHT COMPANY

BENNETT, GEORGE F.

FORD MOTOR CO.

BENNETT, GEORGE F.

GULF OIL CORPORATION

PEARSON, NATHAN W.

INTERNATIONAL BUSINESS MACHINES CORP.

BETCHEL, STEPHEN D., JR.

MOORE, WILLIAM H.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

BENNETT, GEORGE F.

MELLON NATIONAL CORPORATION

PEARSON, NATHAN W.

MIDDLE SOUTH UTILITIES, INC.

BENNETT, GEORGE F.

NATIONAL DETROIT CORPORATION

STINSON, GEORGE A.

SOUTHERN PACIFIC COMPANY

BETCHEL, STEPHEN D., JR.

SOUTHERN RAILWAY COMPANY

IRELAND, R. L.

OWENS-CORNING FIBERGLASS CORP. AMERICAN EXPRESS COMPANY

ROOSA, ROBERT V.

CONTINENTAL OIL COMPANY

ANDERSON, CHARLES A.

NORSTAD, LAURIS

GENERAL MOTORS CORP.

MORGENS, HOWARD J.

MISSOURI PACIFIC CORPORATION

KEMPER, JAMES M., JR.

MORGAN, J. P., AND CO., INC.

MORGENS, HOWARD J.

PROCTER AND GAMBLE COMPANY

MORGENS, HOWARD J.

TEXACO, INC.

ROOSA, ROBERT V.

UAL, INC.

NORSTAD, LAURIS

DAVIS, JACOB E.

KODICOR, INC.

CHASE MANHATTAN CORP.

BINGER, JAMES H.

NORTHWEST AIRLINES, INC.

BINGER, JAMES H.

WAKEFIELD, LYMAN E., JR.

EVERINGHAM, LYLE

HERRING, JAMES P.

CENTRAL BANCORPORATION

CINCINNATI GAS & ELECTRIC CO.

CINCINNATI MILACRON INC.

HINDS, JACKSON C.

ENTEX, INC.

MORTON, T. BALLAD, JR.

CITIZENS FIDELITY CORP.

LOUISVILLE GAS & ELECTRIC CO.

ORION BROADCASTING, INC.

PORTER PAINT CO.

ONG, JOHN DOGLE

B. F. GOODRICH CO.

COOPER INDUSTRIES, INC.

PINNELL, W. GEORGE

RUNYAN, WILLIAM PARKER

COSCO INC.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

RISK, J. FRED

TOP VALUE ENTERPRISES, INC.

SHAW, R. NELSON

MERCANTILE STORES CO., INC.

CITICORP

MILLIKEN, ROGER

UNION PACIFIC CORPORATION

MILLIKEN, MINOT K.

UNITED STATES STEEL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR KROGER COMPANY, THE

SMITH, EDWARD D.
EASTERN AIRLINES, INC.

MOORE, GEORGE S.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER

CBS, INC.
GILPATRIC, ROSWELL L.
COMMONWEALTH EDISON
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
PRINCE, WILLIAM WOOD

EQUIFAX INC.
FIRST NATIONAL HOLDING CORP.

METROPOLITAN LIFE INSURANCE COMPANY
RAST, L. EDMUND
SEABOARD COAST LINE INDUSTRIES, INC.
HATCH, EDWIN I.
SEARS, ROEBUCK AND CO.
PRADO, A. M.

GEORGIA POWER CO.

SOUTHERN COMPANY
HATCH, EDWIN I.
SEABOARD COAST LINE INDUSTRIES, INC.
HATCH, EDWIN I.
VOGTLE, ALVIN W., JR.
SOUTHERN COMPANY
HATCH, EDWIN I.
MORRIS, WILLIAM S., III
PARKER, WILLIAM A., JR.
VOGTLE, ALVIN W., JR.

SOUTHERN BELL TELEPHONE & TELEGRAPH CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
METROPOLITAN LIFE INSURANCE COMPANY
RAST, L. EDMUND

TRI-SOUTH MORTGAGE INVESTORS CO.

THOMPSON, MORLEY P.
ANCHOR HOCKING CORP.

WESTERN ELECTRIC CO., INC.
GUSHMAN, JOHN LOUIS
WOOLWORTH, F. W., CO.
GUSHMAN, JOHN LOUIS
LESCH, GEORGE H.

BALDWIN, D. H., CO.
CANADIAN INTERNATIONAL POWER CO., LTD.
CINCINNATI BELL, INC.

GOODYEAR TIRE AND RUBBER COMPANY
GEIR, PHILLIP O., JR.
PROCTER AND GAMBLE COMPANY
BARRETT, CHARLES M.
GEIR, PHILLIP O., JR.
CONTINENTAL ILLINOIS CORPORATION
MALOTT, ROBERT H.
STANDARD OIL COMPANY OF INDIANA
MALOTT, ROBERT H.

FMC CORP.

STEARNS AND FOSTER CO.
UNITED CORP., THE
XOMOX CORP.

PROCTER AND GAMBLE COMPANY
EWELL, JAMES M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR LOEWS CORPORATION

BENENSON, CHARLES B.
BENENSON REALTY CO.
JUDGE, CURTIS H.
BENENSON REALTY CO.
MCKAY, ROBERT B.
MURPHY, JOHN F.
MYERSON, BERNARD
NOHA, EDWARD J.
CNA FINANCIAL CORP.

FIRST CHICAGO CORPORATION
THOMAS, RICHARD L.
PHILLIPS PETROLEUM COMPANY
WILLIAMS, HAROLD M.

POLLACK, LESTER
GENERAL FINANCE CORP.
HEALTHCO, INC.

FIRST CHARTER FINANCIAL CORP.
KEMPNER, THOMAS L.

RIFKIND, SIMON H.
REVLON INC.

TISCH, LAURENCE A.
AUTOMATIC DATA PROCESSING, INC.

AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.

INEXCO OIL CO.
TISCH, PRESTON ROBERT
CNA FINANCIAL CORP.

FIRST CHICAGO CORPORATION
THOMAS, RICHARD L.
PHILLIPS PETROLEUM COMPANY
WILLIAMS, HAROLD M.
FIRST CHARTER FINANCIAL CORP.
KEMPNER, THOMAS L.

HEALTHCO, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 , FOR LORD, ABBETT AND COMPANY

BERNDT, ALVIN HAROLD
 CUTLER, KENNETH BURNETT
 DRISCOLL, ROBERT SWANTON
 FREEMAN, HARRY B., JR.
 HUGHS, ALBERT RAYMOND, JR.
 MCCARTHY, JOHN MICHAEL
 EFC SERVICES, INC.

FLORIDA POWER AND LIGHT COMPANY
 MCDONALD, MARSHALL

FLORIDA POWER AND LIGHT COMPANY

FORD MOTOR CO.
 BENNETT, GEORGE F.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 BENNETT, GEORGE F.
 MIDDLE SOUTH UTILITIES, INC.
 BENNETT, GEORGE F.

INFORMATION INTERNATIONAL INC.
 WARLICK, ROBERT PATTERSON

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF MANUFACTURERS HANOVER CORPORATION

BEERS, WILLIAM O.

ALLIS-CHALMERS CORP.

AMERICAN AIR LINES, INC.

KRAFTCO CORP.

SEARS, ROEBUCK AND CO.

SMITH, A. O., CORP.

UNITED STATES STEEL CORPORATION

NORTHWESTERN MUTUAL LIFE INSURANCE CO
STEVENSON, ROBERT S.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.
WILKINS, ROGER C.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
EQUITABLE LIFE ASSURANCE
BURR, FRANCIS H.
FLEISCHMANN, MANLY
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
MARINE MIDLAND BANKS, INC.
SADLER, MARION
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
CHASE MANHATTAN CORP.
PACE, NORMA T.
CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
CITICORP
SPENCER, WILLIAM I.
COMMONWEALTH EDISON
AYERS, THOMAS G.
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
FIRST CHICAGO CORPORATION
AYERS, THOMAS G.
SWIFT, A. DEAN
MORGAN, J. P., AND CO., INC.
SHULTZ, GEORGE P.
CONTINENTAL CORPORATION, THE
WILSON, F. PERRY
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
UNION CARBIDE CORPORATION
WILSON, F. PERRY
AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION

DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MELLON NATIONAL CORPORATION
GOTT, EDWIN R.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.

BEINECKE, WILLIAM S.
BIGLOW-SANFORD, INC.
CONSOLIDATED EDISON CO OF NEW YORK

CHEMICAL NEW YORK CORPORATION
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
CONTINENTAL CORPORATION, THE
PAINE, PETER S.
EQUITABLE LIFE ASSURANCE
MUMFORD, MILTON C.
FORD MOTOR CO.
HEISKELL, MARIAN S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.
UAL, INC.
LUCE, CHARLES F.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

SPERRY & HUTCHINSON CO.

FINLEY, JAMES D.
BORDEN, INC.

CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
MARUST, AUGUSTINE R.
RENCHARD, WILLIAM S.
RICE, WILLIAM THOMAS
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WIEN, LAWRENCE A.
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
NEW YORK LIFE INSURANCE COMPANY
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WOOLWORTH, F. W., CO.
CARRY, PATRICIA J.

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION

SPERRY RAND CORP. PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, F. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
CHASE MANHATTAN CORP.
PACE, NORMA T.
SHINN, RICHARD R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
SEARS, ROEBUCK AND CO.
PACE, NORMA T.
STEVENS, J. P., & CO., INC. CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
MITCHELL, DAVID W.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
HANNA, PAUL J.
HAUGE, GABRIEL
AMAX, INC.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
AMERICAN HOME PRODUCTS CORP.
BROOKLYN UNION GAS CO.
CHRYSLEP CORPORATION
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPLE, ROBERT B.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
DISCOUNT CORP. OF NEW YORK CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
MORGAN, J. P., AND CO., INC.
COLLADO, EMILIO G.
PENNEY, J. C., CO., INC.
AXELSON, KENNETH S.
GENERAL AMERICAN INVESTORS, INC.
NEW YORK LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENNARD, WILLIAM S.
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENNARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 POP MANUFACTURERS HANOVER CORPORATION

NEW YORK TELEPHONE COMPANY

PIVIROTT, RICHARD R.
 AMERICAN EXPRESS COMPANY
 WALLACE, MARTHA REDFIELD
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 LINDHOLM, WILLIAM L.
 CBS, INC.
 THOMAS, FRANKLIN A.
 CHEMICAL NEW YORK CORPORATION
 WALLACE, MARTHA REDFIELD
 CITICORP
 HOUGHTON, AMORY, JR.
 THOMAS, FRANKLIN A.
 EASTERN AIRLINES, INC.
 HALL, FLOYD D.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 MARINE MIDLAND BANKS, INC.
 WENDEL, WILLIAM H.
 NEW YORK LIFE INSURANCE COMPANY
 THOMAS, FRANKLIN A.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 YUNICH, DAVID L.

SAS, INC.

HENLEY, HENRY H., JR.
 AMERICAN EXPRESS COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 WARNER, RAWLEIGH, JR.
 CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 WARNER, RAWLEIGH, JR.
 CHASE MANHATTAN CORP.
 FURLAUD, RICHARD M.
 CHEMICAL NEW YORK CORPORATION
 WALLACE, MARTHA REDFIELD
 WARNER, RAWLEIGH, JR.
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ETHERINGTON, EDWIN D.
 CONTINENTAL OIL COMPANY
 MCCARDELL, ARCHIE R.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 MOBIL CORPORATION
 CLARK, HOWARD L.
 WARNER, RAWLEIGH, JR.
 TEXACO, INC.
 POOSA, ROBERT V.
 UNION PACIFIC CORPORATION
 ROBINSON, JAMES D., III
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.

BRISTOL-MYERS CO.

AMERICAN EXPRESS COMPANY
 ROBINSON, JAMES D., III
 WALLACE, MARTHA REDFIELD
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ELLINGHAUS, WILLIAM M.
 BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 GELB, RICHARD L.
 CHEMICAL NEW YORK CORPORATION
 WALLACE, MARTHA REDFIELD
 PENNEY, J. C., CO., INC.
 ELLINGHAUS, WILLIAM M.
 UNION PACIFIC CORPORATION
 EVANS, JAMES H.
 ROBINSON, JAMES D., III

CLUETT PEABODY AND CO., INC.

AMERICAN EXPRESS COMPANY
 CLARK, HOWARD L.
 BANKERS TRUST NEW YORK CORP
 GELB, RICHARD L.
 EASTERN AIRLINES, INC.
 HALL, FLOYD D.
 FEDERATED DEPARTMENT STORES, INC.
 SHORE, T. SPENCER
 MOBIL CORPORATION
 CLARK, HOWARD L.
 CHASE MANHATTAN CORP.
 LAZARUS, RALPH
 CHEMICAL NEW YORK CORPORATION
 HILLMAN, HENRY L.
 CITICORP
 WRISTON, WALTER B.
 FEDERATED DEPARTMENT STORES, INC.
 LAZARUS, RALPH
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 DANCE, WALKER D.
 MORGAN, J. P., AND CO., INC.
 AUSTIN, J. PAUL
 DICKEY, CHARLES D., JR.
 PRESTON, LEWIS T.
 PENNEY, J. C., CO., INC.
 WRISTON, WALTER B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 PIERCE, SAMUEL RILEY, JR.
 SAFEWAY STORES, INC.
 BOSWELL, JAMES G., II

GENERAL ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION

SECURITY PACIFIC CORP.
BOSWELL, JAMES G., II
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
CHEMICAL NEW YORK CORPORATION
LEBLOND, RICHARD K., II
GENERAL PUBLIC UTILITIES CORP.
KUHN, WILLIAM G.
MARINE MIDLAND BANKS, INC.
KUHN, WILLIAM G.

HOME LIFE INSURANCE CO.

HILTON, BARRON
AIR FINANCE CORP.
CARTE BLANCHE CORP.
HILTON HOTELS CORP.

VITA PAKT CITRUS PRODUCTS CO.
HOLLAND, JEROME HEARTWELL
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
BANFAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPLE, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.

CHRYSLER CORPORATION

CONTINENTAL CORPORATION, THE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION

WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
WILSON, F. PERRY

CYLBRO CORP.

FEDERATED DEPARTMENT STORES, INC.

CHASE MANHATTAN CORP.
LAZARUS, RALPH
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
FIGGINS, W. P.
JOHNSON, H. W.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.

GENERAL FOODS CORP.

AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

NEW YORK STOCK EXCHANGE

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
GENERAL MOTORS CORP.
ROCHE, JAMES M.
MARINE MIDLAND BANKS, INC.
OWENS, CORNELIUS W.
PENNEY, J. C., CO., INC.

UNION CARBIDE CORPORATION

BATTEN, WILLIAM M.
MACBAIN, GAVIN KEITH
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CONTINENTAL CORPORATION, THE
WILSON, F. PERRY
METROPOLITAN LIFE INSURANCE COMPANY
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PENNEY, J. C., CO., INC.
JACKSON, JACK B.

ZURN INDUSTRIES, INC.

LAPORTE, WILLIAM F.

AMERICAN HOME PRODUCTS CORP.

AMERICAN STANDARD INC.

CHRYSLER CORPORATION
HAUGE, GABRIEL
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
BANKERS TRUST NEW YORK CORP
LENON, RICHARD A.
CHEMICAL NEW YORK CORPORATION
MARUSI, AUGUSTINE R.
WALKER, WILBERT A.
CONSUMERS POWER COMPANY
CUTLER, E. NEWTON, JR.
SHELL OIL COMPANY
SPAGHT, MONROE E.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WINGATE, HENRY S.

AYERST INTERNATIONAL, INC.

INTERNATIONAL CHEMICAL CO., LTD.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION
WYETH LABORATORIES
LINDHOLM, WILLIAM L.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATEPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.

BELL TELEPHONE LABOFATOPIES, INC.

MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

NEW YORK TELEPHONE COMPANY

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
CBS, INC.
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
BOUGHTON, AMORY, JR.
THOMAS, FRANKLIN A.
EASTERN AIRLINES, INC.
HALL, FLOYD D.
INTERNATIONAL BUSINESS MACHINES CORP.
BOUGHTON, AMORY, JR.
MARINE MIDLAND BANKS, INC.
WENDEL, WILLIAM H.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
THOMAS, FRANKLIN A.
PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
BRANIFF INTERNATIONAL CORPORATION
LAY, HERMAN W.
STEWART, ROBERT H., III
CHEMICAL NEW YORK CORPORATION
LEARSON, T. VINCENT
CITICORP

PEPSICO INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION

	GARVIN, CLIFTON C., JR.
	DUKE POWER CO
	LAY, HERMAN W.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	GENERAL MOTORS CORP.
	ROCHE, JAMES M.
	INTERNATIONAL BUSINESS MACHINES CORP.
	COLEMAN, WILLIAM T., JR.
	LEARSON, T. VINCENT
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLEMAN, WILLIAM T., JR.
	KENDALL, DONALD M.
LYET, J. PAUL	
ARMSTRONG CORK CO.	
	AMERICAN STORES COMPANY
	DWYER, EDWARD J.
	DUKE POWER CO
	ALBANES, NAOMI G.
CONTINENTAL GROUP, INC.	CITICORP
	HATFIELD, ROBERT S.
	SEIBERT, DONALD VINCENT
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	GENERAL ELECTRIC COMPANY
	PARKER, JACK S.
	GENERAL MOTORS CORP.
	HATFIELD, ROBERT S.
	GENERAL PUBLIC UTILITIES CORP.
	HAYFORD, WARREN J.
	GOODYEAR TIRE AND RUBBER COMPANY
	DEYOUNG, RUSSELL
	HAZARD, ELLISON L.
	SMITH, LLOYD B.
	MELLON NATIONAL CORPORATION
	BYROM, FLETCHER L.
	NORTHEAST UTILITIES
	BENSON, LUCY WILSON
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	PENNEY, J. C., CO., INC.
	SEIBERT, DONALD VINCENT
	SOUTHERN PACIFIC COMPANY
	HAZARD, ELLISON L.
SPERRY RAND FINANCIAL CORP.	
MACIOCE, THOMAS M.	
ALLIED STORES CORP.	
	AMERICAN BROADCASTING COMPANIES
	GOLDENSON, LEONARD H.
	CBS, INC.
	THOMAS, FRANKLIN A.
	CHASE MANHATTAN CORP.
	ROEDER, GEORGE A., JR.
	CITICORP
	THOMAS, FRANKLIN A.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
AMERICAN BROADCASTING COMPANIES	
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CITICORP
	JENKINS, GEORGE P.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
EQUITABLE LIFE MORTGAGE & REALTY INVESTORS	
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
HERCULES INC.	MARINE MIDLAND BANKS, INC.
	PETTY, JOHN ROBERT
	RCA CORP.
	PETTY, JOHN ROBERT
MANUFACTURERS HANOVER TRUST CO.	
MCGILLICUDDY, JOHN F.	
AMF INC.	CHESSIE SYSTEM, INC.
	DECKER, ALONZO G., JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	CARY, FRANK T.
	MORGAN, J. P., AND CO., INC.
	CARY, FRANK T.
	SHELL OIL COMPANY
	COOK, C. W.
CITIES SERVICE CO.	AMERICAN BROADCASTING COMPANIES
	ADAM, RAY C.
	CHASE MANHATTAN CORP.
	LILLEY, ROBERT D.
	CONTINENTAL CORPORATION, THE
	LILLEY, ROBERT D.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	SANFORD, TERRY
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	SELLERS, ROBERT
CONTINENTAL COMPANY	
KRAFTCO CORP.	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION

DEBUTTS, JOHN D.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
TRAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIFF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEAPS, ROTBUCK AND CO.
BEEPS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEEPS, WILLIAM O.
DEBUTTS, JOHN D.

MCGUIRE, T. G.
REYNOLDS METALS CO.
SPERRY & HUTCHINSON CO.

CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.

WESTINGHOUSE ELECTRIC CORPORATION

AETNA LIFE AND CASUALTY COMPANY
TAYLOR, ROBERT, JR.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
CITICORP
MILLIKEN, ROGER
EASTMAN KODAK COMPANY
EILERS, LOUIS K.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
TAYLOR, ROBERT, JR.
MELLON NATIONAL CORPORATION
BURNHAM, DONALD C.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.

MCPHERSON, RENE C.
ALLIED STORES CORP.

AMERICAN BROADCASTING COMPANIES
GOLDENSON, LEONARD H.
MACIOCE, THOMAS M.
CBS, INC.
THOMAS, FRANKLIN A.
CHASE MANHATTAN CORP.
ROEDER, GEORGE A., JR.
CITICORP
THOMAS, FRANKLIN A.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.

BROWN BROTHERS CORP., LTD.
CHAMPION SPARK PLUG CO.
DANA CORP.

WESTERN ELECTRIC CO., INC.
GUSHMAN, JOHN LOUIS
WOOLWORTH, F. W., CO.
GUSHMAN, JOHN LOUIS

EQUITABLE LIFE MORTGAGE & REALTY INVESTORS

AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.

GULF UNITED CORP.
TURNER MANUFACTURING CO., LTD.

MITCHELL, DAVID W.
AVON PRODUCTS, INC.

ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
CHEMICAL NEW YORK CORPORATION
MOSEBACHER, EMIL, JR.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PCA CORP.
SELBY, CECILY C.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
FEDERATED DEPARTMENT STORES, INC.
LACHMAN, LAWRENCE
PENNEY, J. C., CO., INC.
AXELSON, KENNETH S.
SOUTHERN RAILWAY COMPANY

DRY DOCK SAVINGS BANK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION
IRELAND, R. L.

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
FINLEY, JAMES D.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.

STEVENS, J. P., & CO., INC.

MUNROE, GEORGE B.
JOHNS MANVILLE CORP.

BANKERS TRUST NEW YORK CORP
MAY, WILLIAM F.
MORGAN, J. P., AND CO., INC.
SCHROEDER, JOHN P.

NEW YORK LIFE INSURANCE CO,
PHELPS DODGE CORP.

CITICORP
PALMER, EDWARD LEWIS
MELLON NATIONAL CORPORATION
REA, WILLIAM H.
MORGAN, J. P., AND CO., INC.
SCHROEDER, JOHN P.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS
CITICORP
HANLEY, JAMES W.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SAFEWAY STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

SOUTHERN PERU COPPER CORP.
WESTERN NUCLEAR, INC.
PILLIOD, CHARLES JULE, JR.
CPC INTERNATIONAL, INC.

CHEMICAL NEW YORK CORPORATION
PLATTEN, DONALD C.
EQUITABLE LIFE ASSURANCE
LONGNECKER, H. E.
SEILER, LEWS P.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION

MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

GOODYEAR TIRE AND RUBBER COMPANY

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DODD, EDWIN D.
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
PROCTER AND GAMBLE COMPANY
GETT, PHILLIP O., JR.
HARPER, JOHN DICKESON
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.

RICKER, JOHN B., JR.

CONTINENTAL CORPORATION, THE

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY

FRANKLIN UNITED LIFE INSURANCE CO.

CONTINENTAL CORPORATION, THE
JOHNSON, HAROLD E.

PHOENIX ASSURANCE CO OF NEW YORK

WAAGE, JOHN A.

NATIONAL INVESTMENT BANK FOR INDUSTRIAL DEVELOPMENT
SUBURBAN PROPANE GAS CO.

WHITMAN, MARINA V. N.

PROCTER AND GAMBLE CO.

FEDERATED DEPARTMENT STORES, INC.
LINGLE, WALTER L., JR.

WESTINGHOUSE ELECTRIC CORPORATION

AETNA LIFE AND CASUALTY COMPANY
TAYLOR, HOBART, JR.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
CITICORP
MILLIKEN, ROGER
EASTMAN KODAK COMPANY
EILERS, LOUIS K.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
TAYLOR, HOBART, JR.
MELLON NATIONAL CORPORATION
BURNHAM, DONALD C.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.

WILSON, F. PERRY

CONTINENTAL CORPORATION, THE

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTURERS HANOVER CORPORATION

MACY, R. H., AND CO., INC. TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
LILLEY, ROBERT D.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CITICORP
FOURAKER, LAWRENCE E.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
GENERAL ELECTRIC COMPANY
MICHELSON, GERTRUDE G.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
BEALE, O. E.
RCA CORP.
FOUPAKER, LAWRENCE E.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
SMITH, A. O., CORP. AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
UNION CARBIDE CORPORATION AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
METROPOLITAN LIFE INSURANCE COMPANY
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PENNEY, J. C., CO., INC.
JACKSON, JACK B.
WOODRUFF, CHARLES E.
ZIPF, GEORGE G.
BABCOCK AND WILCOX CO.
CONTINENTAL CORPORATION, THE WESTERN ELECTRIC CO., INC.
BAKER, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
KRAFTCO CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MANUFACTUREPS HANOVER CORPORATION

FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEAPS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MARINE MIDLAND BANKS, INC.

BLAINE, CHARLES G.
HUNT MOTOR CORP. H. R.
MONROE ABSTRACT & TITLE CORP.

DUFFY, EDWARD W.
BUFFALO FORGE COMPANY
CHEMTRON CORP.
HELLER, WALTER E., INTERNATIONAL CORP.

NIAGARA MOHAWK POWER CORPORATION
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.
THOMPSON, THOMAS M.
NORFOLK AND WESTERN RAILWAY COMPANY
STROTZ, ROBERT H.
STANDARD OIL COMPANY OF INDIANA
MYERS, GEORGE V.
WESTINGHOUSE ELECTRIC CORPORATION
BERCHER, HARRY O.

UNITED STATES GYPSUM CO.
UTICA MUTUAL INSURANCE CO.
FOSHAY, WM. WARD
INCO, LTD.
PITNEY-BOWES, INC.
HUBNER, ROBERT W.
FMC FINANCE CORP.

ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
CHARTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
FIRST CHICAGO CORPORATION
NEVIN, JOHN J.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
EAST/AFRICA CORP.
BANKERS TRUST NEW YORK CORP
CULLMAN, JOSEPH F., III
FORD MOTOR CO.
CULLMAN, JOSEPH F., III

IBM WORLD TRADE EUROPE/MIDDLE
KNOX, NORTHRUP R.
HOUDAILLE INDUSTRIES, INC.
MISSOURI PACIFIC CORPORATION
SAULNIER, RAYMOND J.

MIDLAND CAPITAL CORP.
NIAGARA SHARE CORP.
KUHN, WILLIAM G.
BREEDER REACTOR CORPORATION
GENERAL PUBLIC UTILITIES CORP.
GPU SERVICE CORP.
HAMMERMILL PAPER CO.
HOME LIFE INSURANCE CO.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
HAUPTFUHRER, BARBARA BARNES
MELLON NATIONAL CORPORATION
AHLBRANDT, ROGER S.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHEMICAL NEW YORK CORPORATION
LEBLOND, RICHARD K., II
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.

JERSEY CENTRAL POWER & LIGHT CO.
GENERAL PUBLIC UTILITIES CORP.
DIECKAMP, HERMAN M.
METROPOLITAN EDISON CO.
GENERAL PUBLIC UTILITIES CORP.
DIECKAMP, HERMAN M.

PENNSYLVANIA ELECTRIC CO.
LARKIN, FELIX E.
CHEMED CORP.
GRACE, W. R., AND CO.

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CITICORP
GRACE, J. PETER
JENKINS, GEORGE P.
MILLIKEN, ROGER
COMMONWEALTH EDISON
PRINCE, WILLIAM WOOD
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
PRINCE, WILLIAM WOOD
FIRST NATIONAL BOSTON CORP.
FOSTER, RAYMOND C.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
TRANSAMERICA CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MARINE MIDLAND BANKS, INC.

LINOWITZ, SOL M.

PAN AMERICAN WORLD AIRWAYS, INC.

SHUMWAY, FORREST NELSON
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK

ATLANTIC RICHFIELD COMPANY

KENDALL, DONALD M.

STANTON, FRANK

BANKAMERICA CORPORATION

DILLINGHAM, LOWELL S.

CBS, INC.

STANTON, FRANK

TREE, MARIETTA

GOODYEAR TIRE AND RUBBER COMPANY

ANDERSON, ROBERT B.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

WISER, FORWOOD C., JR.

INTERNATIONAL BUSINESS MACHINES CORP.

COLEMAN, WILLIAM T., JR.

WATSON, THOMAS J., JR.

NEW YORK LIFE INSURANCE COMPANY

STANTON, FRANK

SECURITY PACIFIC CORP.

ANDERSON, ROBERT B.

TIME, INC.

AMERICAN EXPRESS COMPANY

WARNER, RAWLEIGH, JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

WARNER, RAWLEIGH, JR.

ATLANTIC RICHFIELD COMPANY

FREEMAN, GAYLORD

CATERPILLAR TRACTOR COMPANY

WARNER, RAWLEIGH, JR.

CHEMICAL NEW YORK CORPORATION

WARNER, RAWLEIGH, JR.

CONSOLIDATED EDISON CO OF NEW YORK

HETSKELL, MARIAN S.

CONTINENTAL OIL COMPANY

PAGE, FRANK, JR.

FIRST CHICAGO CORPORATION

FREEMAN, GAYLORD

FORD MOTOR CO.

HETSKELL, MARIAN S.

INTERNATIONAL BUSINESS MACHINES CORP.

WATSON, THOMAS J., JR.

MOBIL CORPORATION

WARNER, RAWLEIGH, JR.

PAN AMERICAN WORLD AIRWAYS, INC.

WATSON, THOMAS J., JR.

LYONS, WILLIAM A.

BREEDER REACTOR CORPORATION

GENERAL PUBLIC UTILITIES CORP.

KUHNS, WILLIAM G.

EMPIRE STATE POWER RESOURCES, INC.

CONSOLIDATED EDISON CO OF NEW YORK

LUCE, CHARLES F.

METROPOLITAN LIFE INSURANCE COMPANY

LUCE, CHARLES F.

UAL, INC.

LUCE, CHARLES F.

GREAT AMERICAN INDUSTRIES, INC.

BANKERS TRUST NEW YORK CORP

BAYLIS, CHESTER, JR.

NEW YORK STATE ELECTRIC & GAS CORP

RAYMOND CORP.

UTILITIES MUTUAL INSURANCE CO.

McKEE, JAMES WILSON, JR.

CPC INTERNATIONAL, INC.

CHEMICAL NEW YORK CORPORATION

PLATTEN, DONALD C.

EQUITABLE LIFE ASSURANCE

LONGNECKER, H. E.

SEILER, LEWS F.

GOODYEAR TIRE AND RUBBER COMPANY

PILLIOD, CHARLES JULE, JR.

MANUFACTURERS HANOVER CORPORATION

PILLIOD, CHARLES JULE, JR.

MORGAN, J. P., AND CO., INC.

PROCKNOW, DONALD E.

PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.

WESTERN ELECTRIC CO., INC.

PROCKNOW, DONALD E.

FIDELITY UNION BANCORPORATION

CHARTER NEW YORK CORP.

GIBLIN, E. BURKE

SMILEY, DONALD B.

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

CONTINENTAL CORPORATION, THE

EBERLE, EDWARD R.

WENTWORTH, NATHAN A.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

PRUDENTIAL INSURANCE CO. OF AMERICA

DAVIS, C. MALCOLM

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MARINE MIDLAND BANKS, INC.

OMNIMEDICAL SERVICES, INC
SINGER CO.

NEUHARTH, ALLEN H.
GANNETT CO., INC.

NORTHROP, DAVID H.
CAMBRIDGE FILTER CORP.
SYRACUSE SUPPLY CO.

OWEN, NATHAN R.
GENERAL REINSURANCE CORP.

GENERAL SIGNAL CORP.

GREAT NORTHERN NEKOOSA CORP.

TECHNOSERVE, INC.

OWENS, CORNELIUS W.
AMERICAN BUSINESS PRODUCTS , INC.
GRACE, W. R., AND CO.

NEW YORK STOCK EXCHANGE

PETTY, JOHN ROBERT
HERCULES INC.

LEHMAN CORP., THE

PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
EBERLE, EDWARD R.
WENTWORTH, NATHAN A.

RCA CORP.
SMILEY, DONALD B.

UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

CROCKER NATIONAL CORPORATION
MORTON, WILLIAM H.

METROPOLITAN LIFE INSURANCE COMPANY
FITZHUGH, GILBERT W.
KIRCHER, D. F.

NORTHWESTERN MUTUAL LIFE INSURANCE CO
FLAVIN, J. B.

CBS, INC.
PURCELL, JOHN R.

CONTINENTAL OIL COMPANY
JONES, GILBERT E.

DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.

INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.

EASTMAN KODAK COMPANY
ZORNOW, GERALD B.

AMERICAN EXPRESS COMPANY
AMMIDON, HOYT

CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.

CONTINENTAL CORPORATION, THE
PAINE, PETER S.

FIRST NATIONAL BOSTON CORP.
MILLER, E. SPENCER

UNION PACIFIC CORPORATION
MILLIKEN, MINOT K.

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.

BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.

CITICORP
GRACE, J. PETER
JENKINS, GEORGE P.
MILLIKEN, ROGER

COMMONWEALTH EDISON
PRINCE, WILLIAM WOOD

EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.

PRINCE, WILLIAM WOOD

FIRST CHICAGO CORPORATION
PFINCE, WILLIAM WOOD

FIRST NATIONAL BOSTON CORP.
FOSTER, RAYMOND C.

METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.

TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON

WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.

HOLLAND, JEROME HEARTWELL

CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL

CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL

FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL

GENERAL MOTORS CORP.
ROCHE, JAMES M.

MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL

PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.

MACBAIN, GAVIN KEITH

UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL

AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.

MANUFACTURERS HANOVER CORPORATION
MACIOCE, THOMAS M.

EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.

FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MARINE MIDLAND BANKS, INC.

	PAN AMERICAN WORLD AIRWAYS, INC.
	SEAWELL, WILLIAM T.
	UNION CARBIDE CORPORATION
	HESTER, JAMES M.
FCA COPP.	ATLANTIC RICHFIELD COMPANY
	BRADSHAW, THORNTON F.
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CITICORP
	FOUFAKER, LAWRENCE E.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
SADLER, MARION	
AMERICAN AIR LINES, INC.	DETROIT EDISON COMPANY
	FISCHER, CHARLES T., III
	EQUITABLE LIFE ASSURANCE
	BURF, FRANCIS H.
	FLEISCHMANN, MANLY
	GENERAL MOTORS CORP.
	FISCHER, CHARLES T., III
	MANUFACTURERS HANOVER CORPORATION
	BEEPS, WILLIAM O.
	NATIONAL DETROIT CORPORATION
	FISCHER, CHARLES T., III
	SEARS, ROEBUCK AND CO.
	BEEPS, WILLIAM O.
	UNITED STATES STEEL CORPORATION
	BEEPS, WILLIAM O.
SCHOELLKOPF, PAUL A., JR.	
ALLEGHENY AIRLINES INC.	
NIAGARA FRONTIER HOCKEY CORP.	
NIAGARA SHARE CORP.	
ONTARIO MARINE, INC.	
TRICO PRODUCTS CORP.	
WENDEL, WILLIAM H.	
AILEGHANY-LUDLUM INDUSTRIES, INC.	GENERAL TELEPHONE AND ELECTRONICS CORP.
	BARKER, JAMES R.
	MELLON NATIONAL CORPORATION
	AHLBRANDT, ROGER S.
	BUCKLEY, ROBERT J.
	ROCKWELL, WILLARD F., JR.
	RYAN, JOHN T., JR.
CARBORUNDUM CO.	EASTMAN KODAK COMPANY
	ROBSON, WYLIE SCHALL
	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	MELLON NATIONAL CORPORATION
	PEARSON, NATHAN W.
DUNLOP TIRE AND RUBBER CORP.	
NEW YORK TELEPHONE COMPANY	AMERICAN EXPRESS COMPANY
	WALLACE, MARTHA REDFIELD
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	CBS, INC.
	THOMAS, FRANKLIN A.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	HOUGHTON, AMORY, JR.
	THOMAS, FRANKLIN A.
	EASTERN AIRLINES, INC.
	HALL, FLOYD D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	LINDHOLM, WILLIAM L.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	THOMAS, FRANKLIN A.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	YUNICH, DAVID L.
ZORNOW, GERALD B.	
EASTMAN KODAK COMPANY	AETNA LIFE AND CASUALTY COMPANY
	SHERMAN, ROBERT A.
	CITICORP
	HATFIELD, ROBERT S.
	CONTINENTAL ILLINOIS CORPORATION
	ANDERSON, ROGER E.
	GENERAL MOTORS CORP.
	FALLON, WALTER A.
	HATFIELD, ROBERT S.
	INTERNATIONAL HARVESTER COMPANY
	ANDERSON, ROGER E.
	METROPOLITAN LIFE INSURANCE COMPANY
	WALLIS, W. ALLEN
	MORGAN, J. P., AND CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MARINE MIDLAND BANKS, INC.

	FALLON, WALTER A.
	PENNEY, J. C., CO., INC.
	KREPS, JUANITA M.
	UNITED STATES STEEL CORPORATION
	MEYER, JOHN M., JR.
	WESTERN ELECTRIC CO., INC.
	KREPS, JUANITA M.
	WESTINGHOUSE ELECTRIC CORPORATION
	EILERS, LOUIS K.
GENERAL SIGNAL CORP.	
TRW, INC.	
	BETHLEHEM STEEL CORPORATION
	MCCOY, CHARLES B.
	DETROIT EDISON COMPANY
	BACHER, ROBERT F.
	DUPONT, E. I., DE NEMOURS AND CO.
	MCCOY, CHARLES B.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	PROCTER AND GAMBLE COMPANY
	SHEPARD, HORACE A.
	SEARS, ROEBUCK AND CO.
	METCALF, GORDON M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MASSACHUSETTS FINANCIAL SERVICES, INC.

BAILY, RICHARD BRIGGS
BARNARD, JOHN, JR.
BISSELL, GEORGE SEYMOUR
BOND, ARTHUR DOERR, JR.
COOPER, JOHN LEWIS
JOHNSON, HERBERT ALLEN, JR.
LIPPINCOTT, J. B., CO.
MOSES, WILLIAM BRYAN, JR.
NEWMONT MINING CORP.

BANKERS TRUST NEW YORK CORP
MALOZEMOFF, PLATO
INVESTORS DIVERSIFIED SERVICES, INC.
SILLOWAY, STUART FURBISH

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

ATKINSON, R. B.

BRIGHT, HARVEY R.

REPUBLIC OF TEXAS CORP.

AMERICAN AIR LINES, INC.

ASTON, JAMES W.

NEW YORK LIFE INSURANCE COMPANY

MARCUS, STANLEY

SEARS, ROEBUCK AND CO.

DAVIES, ALFRED I.

SOUTHWESTERN PUBLIC SERVICE CO.

BRUNEL, WILSON

TNB FINANCIAL CORP.

CALVERT, J. F.

CLARK, W. J.

CRAFT, R. H.

FRANK, R. N.

GAUDRAULT, R. J.

BRADLEY, MILTON, CO.

FRIENDLY ICE CREAM CORP.

TNB FINANCIAL CORP.

HARLOW, J. G., JR.

INGRAM, J. B., JR.

LAIRD, W. FREDERICK

COLUMBIA GAS SYSTEM

LAZARUS, MAURICE

FEDERATED DEPARTMENT STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

CHASE MANHATTAN CORP.

LAZARUS, RALPH

CHRYSLER CORPORATION

HOLLAND, JEROME HEARTWELL

CONTINENTAL CORPORATION, THE

HOLLAND, JEROME HEARTWELL

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

GENERAL ELECTRIC COMPANY

LAZARUS, RALPH

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

FIGGINS, W. P.

JOHNSON, H. W.

MANUFACTURERS HANOVER CORPORATION

HOLLAND, JEROME HEARTWELL

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

UNION CARBIDE CORPORATION

HOLLAND, JEROME HEARTWELL

EASTERN AIRLINES, INC.

WOODWARD, HARPER

ITEK CORPORATION

NEW ENGLAND TELEPHONE & TELEGRAPH CO.

FIRST NATIONAL BOSTON CORP.

HILL, RICHARD DEVEREUX

MERCER, WILLIAM C.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

HILL, RICHARD DEVEREUX

MERCER, WILLIAM C.

WASHBURN, H. B., JR.

MARSHALL, H. T.

MCCULLOUGH, DONALD F.

BANKERS TRUST NEW YORK CORP

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

ELLINGHAUS, WILLIAM M.

CONSUMERS POWER COMPANY

HANNON, JOHN W., JR.

CONTINENTAL OIL COMPANY

BLAUVELT, HOWARD W.

FORD MOTOR CO.

CULLMAN, JOSEPH F., III

GENERAL TELEPHONE AND ELECTRONICS CORP.

BLAUVELT, HOWARD W.

INTERNATIONAL BUSINESS MACHINES CORP.

MOORE, WILLIAM H.

MOBIL CORPORATION

LAPHAM, LEWIS A.

TAVOULAREAS, WILLIAM P.

PENNEY, J. C., CO., INC.

ELLINGHAUS, WILLIAM M.

JORDAN, VERNON E., JR.

PRUDENTIAL INSURANCE CO. OF AMERICA

GORMAN, PAUL A.

WESTERN ELECTRIC CO., INC.

BICKMORE, LEE S.

BANKERS TRUST NEW YORK CORP

BRITTAIN, ALFRED, III

ROONEY, FRANCIS C., JR.

BANKERS TRUST NEW YORK CORP

BAYLIS, CHESTER, JR.

ROONEY, FRANCIS C., JR.

COLLINS & AIKMAN CORP.

MELVILLE CORP.

MITCHELL, D. G.

MUELLER, ROBERT K.

BAYBANKS, INC.

PHILLIPS, BERT E.

AMSTED INDUSTRIES INC.

INTERNATIONAL HARVESTER COMPANY

LANTERMAN, JOSEPH B.

RATTALIATA, JOHN T.

SANTA FE INDUSTRIES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

	PATTALIATA, JOHN T.
	WESTERN ELECTRIC CO., INC.
	RATTALIATA, JOHN T.
CLARK EQUIPMENT CREDIT CORP.	
WHIRLPOOL CORP.	SHELL OIL COMPANY
	COOK, C. W.
SCHUMACKER, E. WELDON	
WORCESTER BANCORP INC.	
SINGLETON, PHILIP A.	
AMTEL, INC.	
COMPO INDUSTRIES INC.	
DYNATECH CORP.	
KOEHRING CO.	
STEIGER, ALBERT E., JR.	
NORTHEAST UTILITIES	CHARTER NEW YORK CORP.
	SILLIN, LELAN F., JR.
WATLINGTON, J. E. JR.	
CAROLINA POWER AND LIGHT CO.	
COLONIAL STORES, INC.	
GEORGIA-PACIFIC CORP.	PACIFIC GAS AND ELECTRIC COMPANY
	HAIT, JAMES M.
	SOUTHERN RAILWAY COMPANY
	MCNAIR, ROBERT E.
PIEDMONT AVIATION, INC.	
PIEDMONT NATURAL GAS CO.	
WACHOVIA CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	CHASE MANHATTAN CORP.
	MYERS, CHARLES F., JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BUTLER, A. L., JR.
	SOUTHERN RAILWAY COMPANY
	DAVIS, ARCHIE K.
	UNION CARBIDE CORPORATION
	JONES, HORACE C.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF MELLON NATIONAL CORPORATION

AHLBRANDT, ROGER S.

ALLEGHANY-LUDLUM INDUSTRIES, INC.

GENERAL TELEPHONE AND ELECTRONICS CORP.

BARKER, JAMES R.

MARINE MIDLAND BANKS, INC.

WENDEL, WILLIAM H.

EQUITABLE GAS CO.

HAMMERMILL PAPER CO.

GENERAL PUBLIC UTILITIES CORP.

KUHNS, WILLIAM G.

MARINE MIDLAND BANKS, INC.

KUHNS, WILLIAM G.

MOORE & MCCORMICK RESOURCES, INC.

GENERAL TELEPHONE AND ELECTRONICS CORP.

BARKER, JAMES R.

TITANIUM METALS CORP.

ARTHUR, JOHN M.

DUQUESNE LIGHT CO.

MINE SAFETY APPLIANCES CO.

COLUMBIA GAS SYSTEM

ROCHE, JOHN P.

THOROFAPPE MARKETS INC.

BARKER, ROBINSON F.

CARRIER CORP.

BANKERS TRUST NEW YORK CORP

BICKMORE, LEE S.

KRESGE, S. S., COMPANY

GERSTOCKER, CARL A.

WESTERN ELECTRIC CO., INC.

BICKMORE, LEE S.

DUPLATE CANADA, LTD.

PITTSBURG CORNING CORP.

PPG INDUSTRIES, INC.

GENERAL MOTORS CORP.

MAYER, JOHN A.

GULF OIL CORPORATION

BEEGHLY, CHARLES M.

NORFOLK AND WESTERN RAILWAY COMPANY

MAYER, JOHN A.

WELLS FARGO AND COMPANY

FULLER, W. P., III

BUCKLEY, ROBERT J.

ALLEGHANY-LUDLUM INDUSTRIES, INC.

GENERAL TELEPHONE AND ELECTRONICS CORP.

BARKER, JAMES R.

MARINE MIDLAND BANKS, INC.

WENDEL, WILLIAM H.

BELL TELEPHONE OF PENNSYLVANIA

TITANIUM METALS, INC.

TYCO LABORATORIES INC.

BURNHAM, DONALD C.

WESTINGHOUSE ELECTRIC CORPORATION

AETNA LIFE AND CASUALTY COMPANY

TAYLOR, HOBART, JR.

CHEMICAL NEW YORK CORPORATION

PIVIROTT, RICHARD R.

CITICORP

MILLIKEN, ROGER

EASTMAN KODAK COMPANY

EILERS, LOUIS K.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

TAYLOR, HOBART, JR.

MANUFACTURERS HANOVER CORPORATION

MCGILLICUDDY, JOHN F.

WHITMAN, MARINA V. N.

NEW YORK LIFE INSURANCE COMPANY

PIVIROTT, RICHARD R.

BYROM, FLETCHER L.

ADELA INVESTMENT CO.

ASARCO

CONTINENTAL GROUP, INC.

CITICORP

HATFIELD, ROBERT S.

SEIBERT, DONALD VINCENT

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

GENERAL ELECTRIC COMPANY

PARKER, JACK S.

GENERAL MOTORS CORP.

HATFIELD, ROBERT S.

GENERAL PUBLIC UTILITIES CORP.

HAYFORD, WARREN J.

GOODYEAR TIRE AND RUBBER COMPANY

DEYOUNG, RUSSELL

HAZARD, ELLISON L.

SMITH, LLOYD B.

MANUFACTURERS HANOVER CORPORATION

LYET, J. PAUL

NORTHEAST UTILITIES

BENSON, LUCY WILSON

PENNEY, J. C., CO., INC.

SEIBERT, DONALD VINCENT

SOUTHERN PACIFIC COMPANY

HAZARD, ELLISON L.

CITICORP

OELMAN, ROBERT S.

FORD MOTOR CO.

OELMAN, ROBERT S.

GULF OIL CORPORATION

KOPPERS CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MELLON NATIONAL CORPORATION

PEARSON, NATHAN W.
MISSOURI PACIFIC CORPORATION
GRYMES, DOUGLASS
NORTHWESTERN MUTUAL LIFE INSURANCE CO
FITZGERALD, EDMUND B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
NORTH AMERICAN PHILLIPS CORP. BANKERS TRUST NEW YORK CORP
LAPHAM, LEWIS A.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
CHAPMAN, FRANK
METROPOLITAN LIFE INSURANCE COMPANY
MASON, BIRNEY, JR.
MOBIL CORPORATION
LAPHAM, LEWIS A.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
CONSUMERS POWER COMPANY
AYMOND, A. H.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
KRESGE, S. S., COMPANY
AYMOND, A. H.
NATIONAL DETROIT CORPORATION
AYMOND, A. H.
NORTHWEST BANCORPORATION
BEMIS, JUDSON
PALSTON PURINA CORP. BANKAMERICA CORPORATION
LEWIS, DAVID SLOAN, JR.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
GULF OIL CORPORATION
DEAN, R. HAL
SINGER, EDWIN
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
MORGAN, J. P., AND CO., INC.
SHAPLEIGH, WARREN M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
FERGUSON, FRANCIS E.
RCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
CASEY, SAMUEL B., JR.
AMERICAN CHAIN & CABLE CO.
BIRMINGHAM FIRE INS. CO.
DIXON JOSEPH CRUCIBLE CO.
ESMARCK, INC.
COMMONWEALTH EDISON
MCCORMICK, BROOKS
CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
RENEKER, ROBERT W.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
FIRST CHICAGO CORPORATION
MCCORMICK, BROOKS
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
TRANS WORLD AIRLINES, INC.
CROWN, LESTER
NATIONAL UNION LIFE
PULLMAN, INC.
CORCOPAN, JOHN
CONSOLIDATED COAL COMPANY
DONALDSON LUFKIN & JENRETTE INC.
EVANS, RAYMOND F.
DIAMOND SHAMROCK CORP.
EATON CORP.
FISHER, A. W.
EQUITABLE LIFE ASSURANCE
FORD MOTOR CO.
TAYLOR, A. THOMAS
UAL, INC.
DE WINDT, E. MANDELL
BANKERS TRUST NEW YORK CORP
MARTING, WALTER A.
DETROIT EDISON COMPANY
MESE, WILLIAM G.
KRESGE, S. S., COMPANY
GERSTOCKER, CARL A.
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
FLEISCHMANN, MANLY
BURLINGTON NORTHERN, INC.
HENDRICKSON, ROBERT M.
CHASE MANHATTAN CORP.
EKLUND, C. G.
CITICORP
SHELDON, ELEANOR H. B.
CONSOLIDATED EDISON CO OF NEW YORK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MELLON NATIONAL CORPORATION

MUMFORD, MILTON C.
CONTINENTAL OIL COMPANY
BUEK, C. W.
EXXON CORPORATION
JAMIESON, J. K.
FORD MOTOR CO.
WHARTON, CLIFTON R.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
MOBIL CORPORATION
SHELDON, ELFANOF H. B.
WOOLWORTH, F. W., CO.
JAMES, GEORGE F.

FISHER SCIENTIFIC CO.

GEORGE, W. H. FROME
ALUMINUM COMPANY OF AMERICA

FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
GULF OIL CORPORATION
PEARSON, NATHAN W.
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
UAL, INC.

PPG INDUSTRIES, INC.

CARLSON, EDWARD E.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GULF OIL CORPORATION
BEEGHLY, CHARLES M.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
WELLS FARGO AND COMPANY
FULLER, W. P., III
FORD MOTOR CO.
TAYLOR, A. THOMAS

PULLMAN, INC.

GOTT, EDWIN H.
INTERNATIONAL HUSKY, INC.
UNITED STATES STEEL CORPORATION

AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEEPS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEEPS, WILLIAM O.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEEPS, WILLIAM O.

HARPER, JOHN DICKESON
ALUMINUM COMPANY OF AMERICA

FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GULF OIL CORPORATION
PEARSON, NATHAN W.
NORFOLK AND WESTERN RAILWAY COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MELLON NATIONAL CORPORATION

AMERICAN EUROPEAN ASSOCIATES
 COMMUNICATIONS SATELLITE CORP. ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 CHEMICAL NEW YORK CORPORATION
 PLACE, JOHN B. M.
 METROPOLITAN LIFE INSURANCE COMPANY
 LAIRD, M. R.
 PLACE, JOHN B. M.
 NORTHWEST AIRLINES, INC.
 LAIRD, M. R.
 PHILADELPHIA ELECTRIC COMPANY
 HAGERTY, WILLIAM W.
 PHILLIPS PETROLEUM COMPANY
 LAIRD, M. R.
 CRUTCHER RESOURCES CORP. EQUITABLE LIFE ASSURANCE
 JAMIESON, J. K.
 EXXON CORPORATION
 JAMIESON, J. K.
 GOODYEAR TIRE AND RUBBER COMPANY
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 DODD, EDWIN D.
 MANUFACTURERS HANOVER CORPORATION
 PILLIOD, CHARLES JULE, JR.
 PAN AMERICAN WORLD AIRWAYS, INC.
 ANDERSON, ROBERT B.
 PROCTER AND GAMBLE COMPANY
 GEIR, PHILLIP O., JR.
 SECURITY PACIFIC CORP.
 ANDERSON, ROBERT B.
 SOUTHERN PACIFIC COMPANY
 HAZARD, ELLISON L.
 METROPOLITAN LIFE INSURANCE COMPANY
 AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 BETHLEHEM STEEL CORPORATION
 JENKINS, GEORGE P.
 CHARTER NEW YORK CORP.
 SMILEY, DONALD B.
 CHASE MANHATTAN CORP.
 SHINN, RICHARD R.
 CHEMICAL NEW YORK CORPORATION
 FUNSTON, G. KEITH
 PLACE, JOHN B. M.
 CITICORP
 JENKINS, GEORGE P.
 COMMONWEALTH EDISON
 JOHNSON, G. E.
 CONSOLIDATED EDISON CO OF NEW YORK
 LUCE, CHARLES F.
 CROCKER NATIONAL CORPORATION
 SOLOMON, EMMETT G.
 EASTMAN KODAK COMPANY
 WALLIS, W. ALLEN
 EXXON CORPORATION
 PETERSON, MARTHA E.
 FIRST CHICAGO CORPORATION
 SIVAGE, GERALD A.
 GENERAL MOTORS CORP.
 MCLAUGHLIN, W. EARLE
 SIVAGE, GERALD A.
 INTERNATIONAL BUSINESS MACHINES CORP.
 FUNSTON, G. KEITH
 MORGAN, J. P., AND CO., INC.
 HOUGHTON, J. R.
 NORTHWEST AIRLINES, INC.
 LAIRD, M. R.
 PACIFIC GAS AND ELECTRIC COMPANY
 SOLOMON, EMMETT G.
 PHILLIPS PETROLEUM COMPANY
 LAIRD, M. R.
 RCA CORP.
 SMILEY, DONALD B.
 UAL, INC.
 LUCE, CHARLES F.
 UNION CARBIDE CORPORATION
 MASON, BIRNEY, JR.
 SNEATH, WILLIAM S.
 UNITED STATES STEEL CORPORATION
 SMILEY, DONALD B.
 PROCTER AND GAMBLE COMPANY AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 SPEER, EDGAR B.
 CITICORP
 OELMAN, ROBERT S.
 EXXON CORPORATION
 HARNESSE, EDWARD G.
 FORD MOTOR CO.
 OELMAN, ROBERT S.
 GENERAL MOTORS CORP.
 MORGENS, HOWARD J.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MELLON NATIONAL CORPORATION

	GOODYEAR TIRE AND RUBBER COMPANY
	GEIR, PHILLIP O., JR.
	MORGAN, J. P., AND CO., INC.
	MORGENS, HOWARD J.
	TRANS WORLD AIRLINES, INC.
	MCGHEE, GEORGE C.
	UNITED STATES STEEL CORPORATION
	SPEER, EDGAR B.
HEINZ, HENRY J., III	
HEINZ, H. J., CORP.	
HIGGINS, JAMES H.	
FIRST BOSTON, LTD. OF EUROPE	
GULF OIL CORPORATION	
JOY MANUFACTURING CO.	
JONES, CURTIS E.	
KOPPERS CO., INC.	
	CITICORP
	OELMAN, ROBERT S.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	MISSOURI PACIFIC CORPORATION
	GRYMES, DOUGLASS
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	FITZGERALD, EDMUND B.
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	TRANS WORLD AIRLINES, INC.
	MCKINNEY, ROBERT M.
MARTIN MARIETTA CORP.	
LANTZSCH, G. CHRISTIAN	
DUQUESNE LIGHT CO.	
LOCKHART, GEORGE D.	
LOCKHART IRON & STEEL CO.	
MAYER, JOHN A.	
ALUMINUM COMPANY OF AMERICA	
	FIRST CHICAGO CORPORATION
	CARLSON, EDWARD E.
	GOODYEAR TIRE AND RUBBER COMPANY
	HARPER, JOHN DICKESON
	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	METROPOLITAN LIFE INSURANCE COMPANY
	HARPER, JOHN DICKESON
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
	UAL, INC.
	CARLSON, EDWARD E.
	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	CITICORP
	DEBUTTS, JOHN D.
	HATFIELD, ROBERT S.
	DETROIT EDISON COMPANY
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	EASTMAN KODAK COMPANY
	FALLON, WALTER A.
	HATFIELD, ROBERT S.
	FIRST CHICAGO CORPORATION
	SIVAGE, GERALD A.
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
	SIVAGE, GERALD A.
	MORGAN, J. P., AND CO., INC.
	FALLON, WALTER A.
	MORGENS, HOWARD J.
	PATTERSON, ELLMORE C.
	NATIONAL DETROIT CORPORATION
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	CLEARY, CATHERINE B.
	PROCTER AND GAMBLE COMPANY
	MORGENS, HOWARD J.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
	UNITED STATES STEEL CORPORATION
	BRANCH, HARLEE, JR.
	DEBUTTS, JOHN D.
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	WESTINGHOUSE ELECTRIC CORPORATION
	GOOKIN, R. BURT
HEINZ, H. J., CO.	
	NORFOLK AND WESTERN RAILWAY COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MELLON NATIONAL CORPORATION
PPG INDUSTRIES, INC.

MELLON, SEWARD PROSSER
RICHARD K. MELLON & SONS
RICHARD KING MELLON FOUNDATION
PEARSON, NATHAN W.
ALUMINUM COMPANY OF AMERICA

GULF OIL CORPORATION
BEEGHLY, CHARLES M.
WELLS FARGO AND COMPANY
FULLER, W. P., III

AMPEX CORP.

CARBORUNDUM CO.

CERTAIN TEED CORP.
GULF OIL CORPORATION
HANNA MINING CO.

KOPPERS CO., INC.

REA, WILLIAM H.
COLT INDUSTRIES INC.
FOUITABLE GAS CO.
PHELPS DODGE CORP.

TYRONE HYDRAULICS, INC.
ROCKWELL, WILLARD F., JR.
ALLEGHANY-LUDLUM INDUSTRIES, INC.

EL PASO CO.
LONE STAR INDUSTRIES, INC.

ROCKWELL INTERNATIONAL CORP.

FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
UAL, INC.
CARLSON, EDWARD E.
CATERPILLAR TRACTOR COMPANY
BLACKIE, WILLIAM
SHELL OIL COMPANY
BLACKIE, WILLIAM
EASTMAN KODAK COMPANY
ROBSON, WYLIE SCHALL
MARINE MIDLAND BANKS, INC.
WENDEL, WILLIAM H.

AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
FLOPIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
MOORE, WILLIAM H.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
NATIONAL DETROIT CORPORATION
STINSON, GEORGE A.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.
CITICORP
OELMAN, ROBERT S.
FORD MOTOR CO.
OELMAN, ROBERT S.
MISSOURI PACIFIC CORPORATION
GRYMES, DOUGLASS
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
FITZGERALD, EDMUND B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.

CITICORP
PALMER, EDWARD LEWIS
MANUFACTURERS HANOVER CORPORATION
MUNFOE, GEORGE B.
MORGAN, J. P., AND CO., INC.
SCHROEDER, JOHN P.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS

GENERAL TELEPHONE AND ELECTRONICS CORP.
BARKER, JAMES R.
MARINE MIDLAND BANKS, INC.
WENDEL, WILLIAM H.

GOODYEAR TIRE AND RUBBER COMPANY
PLATT, ROBERT HOLMES
MORGAN, J. P., AND CO., INC.
SCHROEDER, JOHN P.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
MOBIL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MELLON NATIONAL CORPORATION

	DONNELL, EDWARD S.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
	LARKIN, FREDERICK G., JR.
	SOUTHERN CALIFORNIA EDISON COMPANY
	LARKIN, FREDERICK G., JR.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	UNION OIL COMPANY OF CALIFORNIA
	HARTLEY, FRED L.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
ROCKWELL INTERNATIONAL CORP.	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	MOBIL CORPORATION
	DONNELL, EDWARD S.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
	LARKIN, FREDERICK G., JR.
	SOUTHERN CALIFORNIA EDISON COMPANY
	LARKIN, FREDERICK G., JR.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	UNION OIL COMPANY OF CALIFORNIA
	HARTLEY, FRED L.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
RYAN, JOHN T., JR.	
ALLEGHANY-LUDLUM INDUSTRIES, INC.	GENERAL TELEPHONE AND ELECTRONICS CORP.
	BARKER, JAMES R.
	MARINE MIDLAND BANKS, INC.
	WENDEL, WILLIAM H.
HEINZ, H. J., CO.	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	GENERAL MOTORS CORP.
	MAYER, JOHN A.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	WESTINGHOUSE ELECTRIC CORPORATION
	GOOKIN, R. BURT
INTERNATIONAL MINERALS & CHEMICAL CORP.	
	BANKERS TRUST NEW YORK CORP
	BAYLIS, CHESTER, JR.
	LENON, RICHARD A.
	CHRYSLER CORPORATION
	COLEMAN, JOHN H.
	KRESGE, S. S., COMPANY
	PURCELL, ROBERT W.
	UNION PACIFIC CORPORATION
	TAYLOR, VERNON F., JR.
MINE SAFETY APPLIANCES CO.	COLUMBIA GAS SYSTEM
	ROCHE, JOHN P.
SCAIFE, RICHARD M.	
AIR TOOL PARTS & SERVICE CO.	
CITY COMMUNICATIONS, INC.	
TRIBUNE REVIEW PUBLISHING CO.	
SNYDER, WILLIAM P., III	
HEINZ, H. J., CO.	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	GENERAL MOTORS CORP.
	MAYER, JOHN A.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	WESTINGHOUSE ELECTRIC CORPORATION
	GOOKIN, R. BURT
SALEM CORP.	
SHENANGO FURNACE CO.	
WHITNEY BANK HOLDING CO.	
WILCOCK, JAMES W.	
DOLLAR SAVINGS BANK	
JOY MANUFACTURING CO.	GULF OIL CORPORATION
	HIGGINS, JAMES H.
LIBERTY MUTUAL INSURANCE CO.	FEDERATED DEPARTMENT STORES, INC.
	KRENSKY, HAROLD
	FIRST NATIONAL BOSTON CORP.
	BRIGHT, WILLARD M.
	MASON, AUSTIN B.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
LIBERTY MUTUAL INSURANCE CO.	FEDERATED DEPARTMENT STORES, INC.
	KRENSKY, HAROLD

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MELLON NATIONAL CORPORATION

FIRST NATIONAL BOSTON CORP.

BRIGHT, WILLARD M.

MASON, AUSTIN B.

PAN AMERICAN WORLD AIRWAYS, INC.

ADAMS, CHARLES F.

MINE EQUIPMENT LEASE CO.
WEAN UNITED, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MERRILL LYNCH AND COMPANY, INC.

ANDERSON, HARRY B.

BIRK, ROGER F.

CASSADY, THOMAS J.

CRANE, FENWICK J.

FAMILY LIFE INSURANCE CO.

FERRIS, DAKIN B.

ML & CO.

HAACK, ROBERT WILLIAM

AMERICAN APPRAISAL ASSOCIATES INC.

AVIS, INC.

AETNA LIFE AND CASUALTY COMPANY

SMITH, OLCOTT D.

CONTINENTAL CORPORATION, THE

BELL, DRUMMOND C.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

KEESEE, THOMAS W., JR.

MORGAN, J. P., AND CO., INC.

SMITH, OLCOTT D.

TRAVELERS INSURANCE COMPANY

SHAPIRO, ELI

LOCKHEED AIRCRAFT CORPORATION ATLANTIC RICHFIELD COMPANY

DOWNER, JOSEPH P.

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

GOODYEAR TIRE AND RUBBER COMPANY

HAZARD, ELLISON L.

GREAT WESTERN FINANCIAL CORPORATION

SHAW, LESLIE N.

SOUTHERN CALIFORNIA EDISON COMPANY

HORTON, JACK K.

SOUTHERN PACIFIC COMPANY

HAZARD, ELLISON L.

WESTERN BANCORPORATION

HORTON, JACK K.

MARSH & MCLENNAN COMPANIES, INC.

CHEMICAL NEW YORK CORPORATION

WALKER, WILBERT A.

COMMONWEALTH EDISON

BARR, JOHN A.

DETROIT EDISON COMPANY

GERSTENBERG, RICHARD C.

GENERAL MOTORS CORP.

GERSTENBERG, RICHARD C.

NATIONAL DETROIT CORPORATION

GERSTENBERG, RICHARD C.

PUTNAM MANAGEMENT COMPANY, INC. (THE)

NEWHOUSE, ROBERT JOYCE, JR.

REGAN, JOHN MACVEIGH, JR.

UNITED STATES STEEL CORPORATION

WALKER, WILBERT A.

NABISCO, INC.

BANKERS TRUST NEW YORK CORP

BICKMORE, LEE S.

MOORE, WILLIAM H.

GENERAL PUBLIC UTILITIES CORP.

DIEHL, VAL B.

INTERNATIONAL BUSINESS MACHINES CORP.

MOORE, WILLIAM H.

PRUDENTIAL INSURANCE CO. OF AMERICA

SCHAEFERLE, ROBERT M.

WESTERN ELECTRIC CO., INC.

BICKMORE, LEE S.

KENZIE, ROSS B.

REGAN, DONALD T.

ROGERS, WILLIAM P.

TWENTIETH CENTURY FOX FILM CORP.

RYAN, EDWARD F.

SCHREYER, WILLIAM A.

SEDLMAYR, JULIUS H.

SMITH, BRYAN F.

KAY MARY COSMETICS INC.

TEXAS INSTRUMENTS, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

BATTEN, WILLIAM M.

KRESGE, S. S., COMPANY

MCCRACKEN, PAUL W.

PENNEY, J. C., CO., INC.

BATTEN, WILLIAM M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF METROPOLITAN LIFE INSURANCE COMPANY

FITZHUGH, GILBERT W.
ARA SERVICES, INC.
METROMEDIA, INC.
SINGER CO.

FUNSTON, S. FEITH
AVCO CORP.

CHEMICAL NEW YORK CORPORATION

PHILADELPHIA ELECTRIC COMPANY
FISHMAN, WILLIAM S.

CROCKER NATIONAL CORPORATION
MOPTON, WILLIAM H.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
FLAVIN, J. B.

ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
FIRST NATIONAL BOSTON CORP.
CARTER, JOSEPH R.

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
RENNARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.

EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
LEAPSON, T. VINCENT
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENNARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

HARTFORD STEAM BOILER INSPECTION & INSURANCE CO.
IC INDUSTRIES, INC.

CATERPILLAR TRACTOR COMPANY
NAUMANN, WILLIAM L.
CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.

INTERNATIONAL BUSINESS MACHINES CORP.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
LEAPSON, T. VINCENT
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

NATIONAL AVIATION & TECHNOLOGY CORP.
PAUL REVERE INVESTORS, INC.
PUTNAM TRUST CO.

CHEMICAL NEW YORK CORPORATION
MOSEACHER, EMIL, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY
REPUBLIC STEEL CORP. NORTHWESTERN MUTUAL LIFE INSURANCE CO
HARRISON, H. STUART

WIN DIXIES STORES, INC.
HARPER, JOHN DICKSON
ALUMINUM COMPANY OF AMERICA

FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GULF OIL CORPORATION
PEARSON, NATHAN W.
MELLON NATIONAL CORPORATION
GEORGE, W. H. KROME
MAYER, JOHN A.
PEARSON, NATHAN W.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
UAL, INC.
CARLSON, EDWARD E.

AMERICAN EUROPEAN ASSOCIATES
COMMUNICATIONS SATELLITE CORP.

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PHILADELPHIA ELECTRIC COMPANY
HAGERTY, WILLIAM W.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
EQUITABLE LIFE ASSURANCE
JAMIESON, J. K.
EXXON CORPORATION
JAMIESON, J. K.

CRUTCHER RESOURCES CORP.

GOODYEAR TIRE AND RUBBER COMPANY

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DODD, EDWIN D.
MANUFACTURERS HANOVER CORPORATION
PILLIOD, CHARLES JULE, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
PROCTER AND GAMBLE COMPANY
GEIR, PHILLIP O., JR.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
EQUITABLE LIFE ASSURANCE
FISHER, A. W.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GULF OIL CORPORATION
HIGGINS, JAMES H.
PEARSON, NATHAN W.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
UNITED STATES STEEL CORPORATION
GOTT, EDWIN H.
WESTINGHOUSE ELECTRIC CORPORATION
BURNHAM, DONALD C.

MELLON NATIONAL CORPORATION

PROCTER AND GAMBLE COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
SPEER, EDGAR B.
CITICORP
OELMAN, ROBERT S.
EXXON CORPORATION
HARNES, EDWARD G.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
GOODYEAR TIRE AND RUBBER COMPANY
GEIR, PHILLIP O., JR.
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
TRANS WORLD AIRLINES, INC.
MCGHEE, GEORGE C.
UNITED STATES STEEL CORPORATION
SPEER, EDGAR B.

HAZELTINE, H. S.
ADAMS, DUQUE & HAZELTINE
HOFFMAN ELECTRONICS
NORRIS INDUSTRIES INC.
PREPARED PRODUCTS CO.

HOUGHTON, J. R.
CORNING GLASS WORKS

AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
CBS, INC.
GILPATRIC, ROSWELL L.
CITICORP
HOUGHTON, AMORY, JR.
PALMER, EDWARD LEWIS
EASTERN AIRLINES, INC.
GILPATRIC, ROSWELL L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	EQUITABLE LIFE ASSURANCE
	BURR, FRANCIS H.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	UNION PACIFIC CORPORATION
	PALMER, EDWARD LEWIS
CORNING INTERNATIONAL CORP.	CITICORP
	HOUGHTON, AMORY, JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
DOW CORNING CORP.	CITICORP
	HOUGHTON, AMORY, JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	KRESGE, S. S., COMPANY
	GERSTOCKER, CARL A.
MORGAN, J. P., AND CO., INC.	AETNA LIFE AND CASUALTY COMPANY
	SMITH, OLCOTT D.
	BETHLEHEM STEEL CORPORATION
	FOY, LEWIS W.
	PATTERSON, ELLMORE C.
	BURLINGTON NORTHERN, INC.
	DAVISON, DANIEL P.
	CONTINENTAL CORPORATION, THE
	LEACH, RALPH F.
	DUPONT, E. I., DE NEMOURS AND CO.
	JOHNSON, H. W.
	EASTMAN KODAK COMPANY
	FALLON, WALTER A.
	FEDERATED DEPARTMENT STORES, INC.
	JOHNSON, H. W.
	FORD MOTOR CO.
	BURGESS, CARTER L.
	GENERAL ELECTRIC COMPANY
	AUSTIN, J. PAUL
	DICKEY, CHARLES D., JR.
	PRESTON, LEWIS T.
	GENERAL MOTORS CORP.
	FALLON, WALTER A.
	MORGENS, HOWARD J.
	PATTERSON, ELLMORE C.
	INTERNATIONAL BUSINESS MACHINES CORP.
	CARY, FRANK T.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	JOHNSON, H. W.
	MISSOURI PACIFIC CORPORATION
	SHAPLEIGH, WARREN M.
	NEW YORK LIFE INSURANCE COMPANY
	BROWN, R. MANNING, JR.
	PROCTER AND GAMBLE COMPANY
	MORGENS, HOWARD J.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PROCKNOW, DONALD E.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
	SEARS, ROEBUCK AND CO.
	SHULTZ, GEORGE P.
	SOUTHERN RAILWAY COMPANY
	LEACH, RALPH F.
	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
	WESTERN ELECTRIC CO., INC.
	PROCKNOW, DONALD E.
SPERRY & HUTCHINSON CO.	CONSOLIDATED EDISON CO OF NEW YORK
	BEINECKE, WILLIAM S.
	MANUFACTURERS HANOVER CORPORATION
	BEINECKE, WILLIAM S.
	MCGILLICUDDY, JOHN F.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
JENKINS, GEORGE P.	
AMERICAN BROADCASTING COMPANIES	MANUFACTURERS HANOVER CORPORATION
	MACIOCE, THOMAS M.
BETHLEHEM STEEL CORPORATION	COMMONWEALTH EDISON
	WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION
	WRIGHT, JOSEPH S.
	DUPONT, E. I., DE NEMOURS AND CO.
	MCCOY, CHARLES B.
	GENERAL MOTORS CORP.
	PATTERSON, ELLMORE C.
	MORGAN, J. P., AND CO., INC.
	FOY, LEWIS W.
	PATTERSON, ELLMORE C.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
	STANDARD OIL COMPANY OF INDIANA
	WRIGHT, JOSEPH S.
BLOOMFIELD SAVINGS BANK	
CITIBANK, N. A.	INTERNATIONAL BUSINESS MACHINES CORP.
	WILLIAMS, ALBERT L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

CITICORP	MOBIL CORPORATION WILLIAMS, ALBERT L. AETNA LIFE AND CASUALTY COMPANY GRAY, HARRY J. AMERICAN TELEPHONE AND TELEGRAPH COMPANY DEBUTTS, JOHN D. CBS, INC. THOMAS, FRANKLIN A. DUPONT, E. I., DE NEMOURS AND CO. SHAPIRO, IRVING S. EASTMAN KODAK COMPANY HATFIELD, ROBERT S. EQUITABLE LIFE ASSURANCE SHELDON, ELEANOR H. B. EXXON CORPORATION GARVIN, CLIFTON C., JR. GRAY, HARRY J. FORD MOTOR CO. OELMAN, ROBERT S. GENERAL ELECTRIC COMPANY WRISTON, WALTER B. GENERAL MOTORS CORP. DEBUTTS, JOHN D. HATFIELD, ROBERT S. INTERNATIONAL BUSINESS MACHINES CORP. HOUGHTON, AMORY, JR. SHAPIRO, IRVING S. MOBIL CORPORATION SHELDON, ELEANOR H. B. NEW YORK LIFE INSURANCE COMPANY THOMAS, FRANKLIN A. PENNEY, J. C., CO., INC. SEIBERT, DONALD VINCENT WRISTON, WALTER B. PROCTER AND GAMBLE COMPANY OELMAN, ROBERT S. RCA CORP. FOURAKER, LAWRENCE E. SEARS, ROEBUCK AND CO. SPENCER, WILLIAM I. SOUTHERN PACIFIC COMPANY HANLEY, JAMES W. STANDARD OIL COMPANY OF CALIFORNIA HAYNES, HAROLD J. PIGOTT, CHARLES M. UNION PACIFIC CORPORATION BARNETT, FRANK E. PALMER, EDWARD LEWIS UNITED STATES STEEL CORPORATION DEBUTTS, JOHN D. WESTINGHOUSE ELECTRIC CORPORATION MILLIKEN, ROGER CITICORP GRACE, J. PETER MILLIKEN, ROGER COMMONWEALTH EDISON PRINCE, WILLIAM WOOD EASTERN AIRLINES, INC. PHALEN, CLIFTON W. PRINCE, WILLIAM WOOD FIRST CHICAGO CORPORATION PRINCE, WILLIAM WOOD FIRST NATIONAL BOSTON CORP. FOSTER, RAYMOND C. MARINE MIDLAND BANKS, INC. LARKIN, FELIX E. OWENS, CORNELIUS W. TRANSAMERICA CORPORATION SHUMWAY, FORREST NELSON WESTINGHOUSE ELECTRIC CORPORATION MILLIKEN, ROGER
GRACE, W. R., AND CO.	
ST. REGIS PAPER CO.	
JENNINGS, L. A.	
CHESAPEAKE & POTOMAC TELEPHONE CO.	
GARFINKEL BROTHERS, INC.	
POTOMAC ELECTRIC POWER COMPANY	
RIGGS NATIONAL CORP.	
JOHNSON, G. E.	
COMMONWEALTH EDISON	BETHLEHEM STEEL CORPORATION WRIGHT, JOSEPH S. CONTINENTAL ILLINOIS CORPORATION COREY, GORDON R. WRIGHT, JOSEPH S. EASTERN AIRLINES, INC. PRINCE, WILLIAM WOOD FIRST CHICAGO CORPORATION AYERS, THOMAS G. MCCORMICK, BROOKS PRINCE, WILLIAM WOOD SWIFT, A. DEAN INTERNATIONAL HARVESTER COMPANY MCCORMICK, BROOKS SEARS, ROEBUCK AND CO. AYERS, THOMAS G.

COMPANY LISTING WITH SECONDARY INTERLOCK DEPT DIRECTOR
OF METROPOLITAN LIFE INSURANCE COMPANY

SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.

INDEPENDENCE BANK OF CHICAGO
JOHNSON PRODUCTS CO.

KIRCHER, D. F.
GENERAL CABLE CORPORATION

SINGER CO.

CHARTER NEW YORK CORP.
JENSEN, ROBERT P.
CROCKER NATIONAL CORPORATION
MORTON, WILLIAM F.
MARINE MIDLAND BANKS, INC.
MCWEE, JAMES WILSON, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
FLAVIN, J. B.

LAIRD, M. R.
CHICAGO PNEUMATIC TOOL CO.
COMMUNICATIONS SATELLITE CORP.

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
GOODYEAR TIRE AND RUBBER COMPANY
HAPPEL, JOHN DICKERSON
MELLON NATIONAL CORPORATION
HAPPEL, JOHN DICKERSON
PHILADELPHIA ELECTRIC COMPANY
HAGERTY, WILLIAM W.
PROCTER AND GAMBLE COMPANY
HAPPEL, JOHN DICKERSON

IDS BOND FUND, INC.
IDS PROGRESSIVE FUND, INC.
INVESTORS ACCUMULATION PLAN
INVESTORS MUTUAL, INC.
INVESTORS STOCK FUND, INC.
NORTHWEST AIRLINES, INC.

CHASE MANHATTAN CORP.
FINGER, JAMES H.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
NYSCF, DONALD W.
NORTHWEST BANK CORPORATION
MCNEELEY, DONALD B.
UNITED STATES STEEL CORPORATION
HERZOG, RAYMOND H.

PHILLIPS PETROLEUM COMPANY
PULPULATOR INC.
READER'S DIGEST

INCE, CHARLES F.
CONSOLIDATED EDISON CO OF NEW YORK

CHEMICAL NEW YORK CORPORATION
BENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
CONTINENTAL CORPORATION, THE
PAINE, PETER S.
EQUITABLE LIFE ASSURANCE
MUMFORD, MILTON C.
FORD MOTOR CO.
HEISKELL, MARIAN S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
BEINECKE, WILLIAM S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
BENCHARD, WILLIAM S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.

EMPIRE STATE POWER RESOURCES, INC.

MARINE MIDLAND BANKS, INC.
LYONS, WILLIAM A.

GAS BUSINESS SERVICES, INC.
UAL, INC.

BANFAMERICA CORPORATION
BRIMMER, ANDREW F.
CONTINENTAL OIL COMPANY
NORSTAD, LAURIS
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
PACIFIC GAS AND ELECTRIC COMPANY
COOLEY, RICHARD P.
WELLS FARGO AND COMPANY
COOLEY, RICHARD P.

MASON, BIRNEY, JR.

NORTH AMERICAN PHILLIPS CORP.

BANKERS TRUST NEW YORK CORP
LAPHAM, LEWIS A.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
CHAPMAN, FRANK
MELLON NATIONAL CORPORATION
BYRON, FLETCHER L.
MOBIL CORPORATION
LAPHAM, LEWIS A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

UNION CARBIDE CORPORATION	BYROM, FLETCHER L. AMERICAN TELEPHONE AND TELEGRAPH COMPANY HOLLAND, JEROME HEARTWELL CHASE MANHATTAN CORP. FERGUSON, JAMES L. CHRYSLER CORPORATION HOLLAND, JEROME HEARTWELL CONTINENTAL CORPORATION, THE HOLLAND, JEROME HEARTWELL WILSON, F. PERRY FEDERATED DEPARTMENT STORES, INC. HOLLAND, JEROME HEARTWELL MANUFACTURERS HANOVER CORPORATION HOLLAND, JEROME HEARTWELL WILSON, F. PERRY MORGAN, J. P., AND CO., INC. BROWN, R. MANNING, JR. NEW YORK LIFE INSURANCE COMPANY BROWN, R. MANNING, JR. PENNEY, J. C., CO., INC. JACKSON, JACK B.
MCLAUGHLIN, W. EARLE ADELA INVESTMENT CO., S. A.	CHARTER NEW YORK CORP. WALLIS, GORDON T. EXXON CORPORATION BENNETT, JACK F. MORGAN, J. P., AND CO., INC. COLLADO, EMILLIO G. WOOLWORTH, F. W., CO. WALLIS, GORDON T.
ALGOMA STEEL CORP., LTD. ALLIED CHEMICAL CANADA, LTD. CANADIAN PACIFIC LTD.	
GENERAL MOTORS CORP.	UNION CARBIDE CORPORATION SINCLAIR, IAN D. AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III AMERICAN TELEPHONE AND TELEGRAPH COMPANY CLEARY, CATHERINE B. DEBUTTS, JOHN D. BETHLEHEM STEEL CORPORATION PATTERSON, ELLMORE C. CHASE MANHATTAN CORP. CONNOR, JOHN T. SMITH, J. STANFORD CITICORP DEBUTTS, JOHN D. HATFIELD, ROBERT S. DETROIT EDISON COMPANY FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. EASTMAN KODAK COMPANY FALLON, WALTER A. HATFIELD, ROBERT S. FIRST CHICAGO CORPORATION SIVAGE, GERALD A. MELLON NATIONAL CORPORATION MAYER, JOHN A. MORGAN, J. P., AND CO., INC. FALLON, WALTER A. MORGENS, HOWARD J. PATTERSON, ELLMORE C. NATIONAL DETROIT CORPORATION FISCHER, CHARLES T., III GERSTENBERG, RICHARD C. NORFOLK AND WESTERN RAILWAY COMPANY MAYER, JOHN A. NORTHWESTERN MUTUAL LIFE INSURANCE CO CLEARY, CATHERINE B. PROCTER AND GAMBLE COMPANY MORGENS, HOWARD J. SANTA FE INDUSTRIES, INC. PATTERSON, ELLMORE C. UNITED STATES STEEL CORPORATION BRANCH, HARLEE, JR. DEBUTTS, JOHN D. WESTINGHOUSE ELECTRIC CORPORATION NOKIN, MAX
GENSTAR LTD.	
L'AIR LIQUIDE POWER CORPORATION OF CANADA, LTD. RALSTON PURINA OF CANADA, LTD. ROYAL BANK OF CANADA, THE	EASTERN AIRLINES, INC. HALL, FLOYD D. UNION CARBIDE CORPORATION SINCLAIR, IAN D. BETHLEHEM STEEL CORPORATION PATTERSON, ELLMORE C. FIRST CHICAGO CORPORATION SIVAGE, GERALD A. GENERAL MOTORS CORP. PATTERSON, ELLMORE C. SIVAGE, GERALD A. MORGAN, J. P., AND CO., INC. PATTERSON, ELLMORE C. SANTA FE INDUSTRIES, INC.
STANDARD BRANDS, INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

PATTERSON, ELLMORE C.

SUN ALLIANCE & LONDON GROUP

NICKERSON, N. ALBERT L.

RAYTHEON CO.

FIRST NATIONAL BOSTON CORP.

HILL, RICHARD DEVEREUX

HOLMES, D. BRAINERD

MOCKLER, COLMAN M., JR.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

HILL, RICHARD DEVEREUX

JONES, G. B.

MOCKLER, COLMAN M., JR.

PHILLIPS, THOMAS L.

PAN AMERICAN WORLD AIRWAYS, INC.

ADAMS, CHARLES F.

HOGAN, WILLIAM J.

NICKERSON, ALBERT L.

FEDERAL STREET FUND, INC.

RAYTHEON CO.

FIRST NATIONAL BOSTON COPP.

HILL, RICHARD DEVEREUX

HOLMES, D. BRAINERD

MOCKLER, COLMAN M., JR.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

HILL, RICHARD DEVEREUX

JONES, G. B.

MOCKLER, COLMAN M., JR.

PHILLIPS, THOMAS L.

PAN AMERICAN WORLD AIRWAYS, INC.

ADAMS, CHARLES F.

HOGAN, WILLIAM J.

STATE STREET INVESTMENT CORP. AMERICAN AIR LINES, INC.

BURR, FRANCIS H.

EQUITABLE LIFE ASSURANCE

BURR, FRANCIS H.

FLORIDA POWER AND LIGHT COMPANY

BENNETT, GEORGE F.

FORD MOTOR CO.

BENNETT, GEORGE F.

GENERAL ELECTRIC COMPANY

LAWPENCE, JOHN E.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

BENNETT, GEORGE F.

PHILLIPS, THOMAS L.

MIDDLE SOUTH UTILITIES, INC.

BENNETT, GEORGE F.

PETERSON, MARTHA E.

EXXON CORPORATION

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

MACNAUGHTON, DONALD S.

CATERPILLAR TRACTOR COMPANY

FRANKLIN, WILLIAM H.

CHASE MANHATTAN CORP.

KAUFFMAN, HOWARD C.

CHEMICAL NEW YORK CORPORATION

PIERCY, GEORGE T.

CITICORP

GARVIN, CLIFTON C., JR.

GRAY, HARRY J.

EQUITABLE LIFE ASSURANCE

JAMIESON, J. K.

PPOCTER AND GAMBLE COMPANY

HARNES, EDWARD G.

PRUDENTIAL INSURANCE CO. OF AMERICA

MACNAUGHTON, DONALD S.

FIRST WISCONSIN CORP.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

GENERAL MOTORS CORP.

CLEARY, CATHERINE B.

GOODYEAR TIRE AND RUBBER COMPANY

SMITH, LLOYD B.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

CLEARY, CATHERINE B.

SMITH, E. G.

TRAVELERS INSURANCE COMPANY

SCOTT, DAVID C.

UNITED BANK OF ILLINOIS, N. A.

PLACE, JOHN B. M.

ANACONDA CO.

AMERICAN EXPRESS COMPANY

ROOSA, ROBERT V.

ATLANTIC RICHFIELD COMPANY

DOWNER, JOSEPH P.

TEXACO, INC.

ROOSA, ROBERT V.

AMERICAN ELECTRIC POWER COMPANY, INC.

STANTON, FRANK

CATERPILLAR TRACTOR COMPANY

INGERSOLL, ROBERT S.

CBS, INC.

STANTON, FRANK

FIRST CHICAGO CORPORATION

ANDERSON, ROBERT O.

FREEMAN, GAYLOD

INGERSOLL, ROBERT S.

NEW YORK LIFE INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIPECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

STANTON, FRANK
PAN AMERICAN WORLD AIRWAYS, INC.
KENDALL, DONALD M.
STANTON, FRANK
RCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CHASE MANHATTAN CORP.
LILLEY, ROBERT D.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
CHEMICAL NEW YORK CORPORATION AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
COMMUNICATIONS SATELLITE CORP. GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PHILADELPHIA ELECTRIC COMPANY
HAGERTY, WILLIAM W.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
LEVER BROTHERS
RAST, L. EDMUND
FIRST NATIONAL HOLDING CORP. EASTERN AIRLINES, INC.
SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
SEABOARD COAST LINE INDUSTRIES, INC.
HATCH, EDWIN I.
SEARS, ROEBUCK AND CO.
PRADO, A. M.
SOUTHERN COMPANY
HATCH, EDWIN I.
DELTA AIR LINES CORPORATION
HILL, JESSE, JR.
EQUITABLE LIFE ASSURANCE
ALLEN, IVAN, JR.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
MORGAN, J. P., AND CO., INC.
AUSTIN, J. PAUL
SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

	CHEMICAL NEW YORK CORPORATION
	BROWN, CHARLES L.
	DUPONT, E. I., DE NEMOURS AND CO.
	BROWN, CHARLES L.
	EASTERN AIRLINES, INC.
	SMITH, EDWARD D.
	KROGER COMPANY, THE
	SMITH, EDWARD D.
ROBARTS, JOHN PARMENTER	
ABITIBI PAPER CO., LTD.	CONTINENTAL OIL COMPANY
	NORSTAD, LAURIS
	UAL, INC.
BELL CANADA	NORSTAD, LAURIS
	AMERICAN EXPRESS COMPANY
	RAMINSKY, LOUIS
	CATERPILLAR TRACTOR COMPANY
	SCRIVENER, ROBERT CARLTON
	CHRYSLER CORPORATION
	DEGRANDPRE, A. JEAN
	UNITED STATES STEEL CORPORATION
	SCRIVENER, ROBERT CARLTON
BURN FOODS, LTD.	
CANADIAN IMPERIAL BANK OF COMMERCE	AMERICAN AIR LINES, INC.
	LFITCH, JOHN D.
	CATERPILLAR TRACTOR COMPANY
	SCRIVENER, ROBERT CARLTON
	UNITED STATES STEEL CORPORATION
	SCRIVENER, ROBERT CARLTON
POWER CORP OF CANADA, LTD.	
REED SHAW OSLER, LTD.	
SHINN, RICHARD R.	CHAPTER NEW YORK CORP.
ALLIED CHEMICAL CORP.	GIBLIN, E. BURKE
	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	NEW YORK LIFE INSURANCE COMPANY
	PERKINS, RICHARD S.
	NORFOLK AND WESTERN RAILWAY COMPANY
	FISCHWICK, JOHN P.
	SOUTHERN PACIFIC COMPANY
	PERKINS, RICHARD S.
CHASE MANHATTAN CORP.	AMERICAN EXPRESS COMPANY
	FURLAUD, RICHARD M.
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONTINENTAL CORPORATION, THE
	BARBER, CHARLES F.
	LILLEY, ROBERT D.
	EQUITABLE LIFE ASSURANCE
	EKLUND, C. G.
	EXXON CORPORATION
	KAUFFMAN, HOWARD C.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GENERAL ELECTRIC COMPANY
	LAZARUS, RALPH
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	INTERNATIONAL BUSINESS MACHINES CORP.
	HARRIS, PATRICIA R.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	SEARS, ROEBUCK AND CO.
	PACE, NORMA T.
	STANDARD OIL COMPANY OF INDIANA
	SWEARINGEN, JOHN E.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
MAY DEPT. STORES CO.	CITICORP
	HANLEY, JAMES W.
	SOUTHERN PACIFIC COMPANY
	HANLEY, JAMES W.
NORTON SIMON, INC.	FORD MOTOR CO.
	MURPHY, FRANKLIN D.
	PHILLIPS PETROLEUM COMPANY
	WILLIAMS, HAROLD M.
	SEARS, ROEBUCK AND CO.
	FOSTER, LUTHER H.
SPEERY FAND CORP.	CHASE MANHATTAN CORP.
	PACE, NORMA T.
	MANUFACTURERS HANOVER CORPORATION
	FINLEY, JAMES D.
	NEW YORK LIFE INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

	FINLEY, JAMES D.
	SEARS, ROEBUCK AND CO.
	PACE, NORMA T.
SIVAGE, GERALD A.	
FIRST CHICAGO CORPORATION	ATLANTIC RICHFIELD COMPANY
	ANDERSON, ROBERT O.
	FREEMAN, GAYLORD
	INGERSOLL, ROBERT S.
	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	MORGAN, LEE L.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	MCCORMICK, BROOKS
	PRINCE, WILLIAM WOOD
	SWIFT, A. DEAN
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	INTERNATIONAL HARVESTER COMPANY
	MCCORMICK, BROOKS
	MENK, LOUIS W.
	SANTA FE INDUSTRIES, INC.
	WOELFLE, ARTHUR W.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
	UAL, INC.
	CARLSON, EDWARD E.
	STUART, ROBERT D., JR.
GENERAL MOTORS CORP.	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	CITICORP
	DEBUTTS, JOHN D.
	HATFIELD, ROBERT S.
	DETROIT EDISON COMPANY
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	EASTMAN KODAK COMPANY
	FALLON, WALTER A.
	HATFIELD, ROBERT S.
	MELLON NATIONAL CORPORATION
	MAYER, JOHN A.
	MORGAN, J. P., AND CO., INC.
	FALLON, WALTER A.
	MORGENS, HOWARD J.
	PATTERSON, ELLMORE C.
	NATIONAL DETROIT CORPORATION
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	CLEARY, CATHERINE B.
	PROCTER AND GAMBLE COMPANY
	MORGENS, HOWARD J.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
	UNITED STATES STEEL CORPORATION
	BRANCH, HARLEE, JR.
	DEBUTTS, JOHN D.
MARSHALL FIELD & CO.	BURLINGTON NORTHERN, INC.
	BUDD, J. M.
	COMMONWEALTH EDISON
	ALLARD, JEAN
	DICK, ALBERT BLAKE, III
	NEW YORK LIFE INSURANCE COMPANY
	BUDD, J. M.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	SMITH, HAROLD BYRON, JR.
	STANDARD OIL COMPANY OF INDIANA
	BURNHAM, JOSEPH A.
	WESTINGHOUSE ELECTRIC CORPORATION
	BERCHER, HARRY O.
	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
STANDARD BRANDS, INC.	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	PATTERSON, ELLMORE C.
	MORGAN, J. P., AND CO., INC.
	PATTERSON, ELLMORE C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.

SMILEY, DONALD B.
CHARTER NEW YORK CORP.

GENERAL TELEPHONE AND ELECTRONICS CORP.
BROPHY, THEODORE F.
KNOWLES, JOHN W., M.D.
MURPHY, GEORGE A.
NORTHEAST UTILITIES
SILLIN, LELAN F., JR.
SHELL OIL COMPANY
BOOKOUT, JOHN F.
UNION PACIFIC CORPORATION
MITCHELL, HAMILTON B.
WESTERN ELECTRIC CO., INC.
BURCHAM, LESTER A.
WOOLWORTH, F. W., CO.
BURCHAM, LESTER A.
WALLIS, GORDON T.

FIDELITY UNION BANCORPORATION CHAPTER NEW YORK CORP.

GIBLIN, E. BURKE
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONTINENTAL CORPORATION, THE
EBERLE, EDWARD R.
WENTWORTH, NATHAN A.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
DAVIS, C. MALCOLM
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
EBERLE, EDWARD R.
WENTWORTH, NATHAN A.

MACY CREDIT CORP.
MACY, R. H., AND CO., INC.

CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
LILLEY, ROBERT D.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CITICORP
FOURAKER, LAWRENCE E.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
WILSON, F. PERCY
GENERAL ELECTRIC COMPANY
MICHELSON, GERTRUDE G.
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERCY
PRUDENTIAL INSURANCE CO. OF AMERICA
BEALE, O. E.
RCA CORP.
FOURAKER, LAWRENCE E.
UNION CARBIDE CORPORATION
WILSON, F. PERCY

NATIONAL BROADCASTING CO., INC.

ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
CITICORP
FOURAKER, LAWRENCE E.
RCA CORP.
BRADSHAW, THORNTON F.
FOURAKER, LAWRENCE E.
GRIFFITHS, EDGAR H.
KENNEDY, WILLIAM J., III
SELEY, CECILY C.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CITICORP

OMEGA FUND, INC.

GRACE, J. PETER
BANKAMERICA CORPORATION
LEWIS, DAVID SLOAN, JR.
GULF OIL CORPORATION
DEAN, R. HAL
SINGER, EDWIN
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
MORGAN, J. P., AND CO., INC.
SHAPLEIGH, WARREN M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
FERGUSON, FRANCIS E.

RCA CORP.

ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
CITICORP
FOURAKER, LAWRENCE E.
MARINE MIDLAND BANKS, INC.
PETTY, JOHN ROBERT
SECURITY PACIFIC CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

TEXAS GULF, INC.	BRADSHAW, THORNTON F. EASTMAN KODAK COMPANY MEYER, JOHN M., JR. PRUDENTIAL INSURANCE CO. OF AMERICA THOMSON, RICHARD M. UNION PACIFIC CORPORATION ECCLES, GEORGE S. UNITED STATES STEEL CORPORATION MEYER, JOHN M., JR. EASTMAN KODAK COMPANY MEYER, JOHN M., JR. PRUDENTIAL INSURANCE CO. OF AMERICA THOMSON, RICHARD M. UNION PACIFIC CORPORATION ECCLES, GEORGE S. UNITED STATES STEEL CORPORATION MEYER, JOHN M., JR.
TEXAS GULF, INC.	
UNITED STATES STEEL CORPORATION	AETNA LIFE AND CASUALTY COMPANY FILER, JOHN H. RODERICK, DAVID M. AMERICAN AIR LINES, INC. BEERS, WILLIAM O. AMERICAN EXPRESS COMPANY MARTIN, WILLIAM MCCHESENEY, JR. AMERICAN TELEPHONE AND TELEGRAPH COMPANY DEBUTTS, JOHN D. SPEER, EDGAR B. CATERPILLAR TRACTOR COMPANY MARTIN, WILLIAM MCCHESENEY, JR. SCRIVENER, ROBERT CARLTON CHASE MANHATTAN CORP. MYERS, CHARLES F., JR. CHEMICAL NEW YORK CORPORATION WALKER, WILBERT A. CITICORP DEBUTTS, JOHN D. EASTMAN KODAK COMPANY MEYER, JOHN M., JR. FIRST BANK SYSTEM, INC. HERZOG, RAYMOND H. GENERAL MOTORS CORP. BRANCH, HARLEE, JR. DEBUTTS, JOHN D. INTERNATIONAL BUSINESS MACHINES CORP. MARTIN, WILLIAM MCCHESENEY, JR. MANUFACTURERS HANOVER CORPORATION BEERS, WILLIAM O. MELLON NATIONAL CORPORATION GOTT, EDWIN H. NORTHWEST AIRLINES, INC. HERZOG, RAYMOND H. PROCTER AND GAMBLE COMPANY SPEER, EDGAR B. SEARS, ROEBUCK AND CO. BEERS, WILLIAM O.
SNEATH, WILLIAM S.	
FEDERAL RESERVE BANK OF NEW YORK	BETHLEHEM STEEL CORPORATION PATTERSON, ELLMORE C. GENERAL MOTORS CORP. PATTERSON, ELLMORE C. MORGAN, J. P., AND CO., INC. PATTERSON, ELLMORE C. SANTA FE INDUSTRIES, INC. PATTERSON, ELLMORE C.
UNION CARBIDE CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY HOLLAND, JEROME HEARTWELL CHASE MANHATTAN CORP. FERGUSON, JAMES L. CHRYSLER CORPORATION HOLLAND, JEROME HEARTWELL CONTINENTAL CORPORATION, THE HOLLAND, JEROME HEARTWELL WILSON, F. PERRY FEDERATED DEPARTMENT STORES, INC. HOLLAND, JEROME HEARTWELL MANUFACTURERS HANOVER CORPORATION HOLLAND, JEROME HEARTWELL WILSON, F. PERRY MORGAN, J. P., AND CO., INC. BROWN, R. MANNING, JR. NEW YORK LIFE INSURANCE COMPANY BROWN, R. MANNING, JR. PENNEY, J. C., CO., INC. JACKSON, JACK B.
SOLOMON, EMMETT G.	
ALMADEN VINEYARDS INC.	CONTINENTAL CORPORATION, THE BELL, DRUMMOND C. WELLS FARGO AND COMPANY PHLEGER, ATHERTON M. CROCKER NATIONAL CORPORATION SHETTERLY, ROBERT B.
CLOROX COMPANY	
CROCKER NATIONAL CORPORATION	NEW YORK LIFE INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR METROPOLITAN LIFE INSURANCE COMPANY

HULL, JEROME W.
SEARS, ROEBUCK AND CO.
LOWE, JOHN G.

FIBREBOARD CORPORATION

PACIFIC GAS AND ELECTRIC COMPANY

BANKAMERICA CORPORATION
WENTE, KAPL L.
SAFEWAY STORES, INC.
DE BRETTEVILLE, CHARLES
SHELL OIL COMPANY
DE BRETTEVILLE, CHARLES
SOUTHERN PACIFIC COMPANY
MILLER, RICHARD K.
UAL, INC.
COOLEY, RICHARD P.
WELLS FARGO AND COMPANY
COOLEY, RICHARD P.

PACIFIC TELEPHONE & TELEGRAPH CO.

ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
CROCKFORD NATIONAL CORPORATION
HULL, JEROME W.
SMITH, WILLIAM FRENCH
NEW YORK LIFE INSURANCE COMPANY
HULL, JEROME W.
PACIFIC GAS AND ELECTRIC COMPANY
HASS, WALTER A.
SECURITY PACIFIC CORP.
DUCOMMUN, CHARLES F.
SOUTHERN CALIFORNIA EDISON COMPANY
HALE, STANTON G.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

WALLIS, W. ALLEN

BAUSCH & LOMB INC.
EASTMAN KODAK COMPANY

AETNA LIFE AND CASUALTY COMPANY
SHERMAN, ROBERT A.
CITICORP
HATFIELD, ROBERT S.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
GENERAL MOTORS CORP.
FALLON, WALTER A.
HATFIELD, ROBERT S.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
MARINE MIDLAND BANKS, INC.
ZORNOW, GERALD B.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
WESTINGHOUSE ELECTRIC CORPORATION
EILERS, LOUIS K.

ESMARCK, INC.

COMMONWEALTH EDISON
MCCORMICK, BROOKS
CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
RENEKER, ROBERT W.
FIRST CHICAGO CORPORATION
MCCORMICK, BROOKS
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
MELLON NATIONAL CORPORATION
CASEY, SAMUEL B., JR.
TRANS WORLD AIRLINES, INC.
CROWN, LESTER

LINCOLN FIRST BANKS, INC.

AETNA LIFE AND CASUALTY COMPANY
SHEPHERD, ROBERT A.
CBS, INC.
PURCELL, JOHN R.
EASTMAN KODAK COMPANY
CHANDLER, COLBY H.
SHERMAN, ROBERT A.

MACMILLAN INC.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
LANNAN, J. PATRICK

ROCHESTER TELEPHONE CORP.

AETNA LIFE AND CASUALTY COMPANY
SHERMAN, ROBERT A.
EASTMAN KODAK COMPANY
SHERMAN, ROBERT A.

TRANS UNION CORP.

CONTINENTAL ILLINOIS CORPORATION
JOHNSON, WILLIAM B.
PENEKER, ROBERT W.

UNION TANK CAR CO.

AMERICAN ELECTRIC POWER COMPANY, INC.
ZWIENER, KENNETH V.
SANTA FE INDUSTRIES, INC.
ZWIENER, KENNETH V.

WEAVER, ROBERT C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOR METROPOLITAN LIFE INSURANCE COMPANY
 BOWERY SAVINGS BANK

AMERICAN EXPRESS COMPANY
 WALLACE, MARTHA REDFIELD
 CHEMICAL NEW YORK CORPORATION
 PIVIOTT, RICHARD R.
 WALLACE, MARTHA REDFIELD
 NEW YORK LIFE INSURANCE COMPANY
 PIVIOTT, RICHARD R.
 WESTINGHOUSE ELECTRIC CORPORATION
 PIVIOTT, RICHARD R.

MUTUAL REAL ESTATE INVESTMENT TRUST
 WILLIAMS, W. R., JR.
 MUTUAL SAVINGS FUND

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF MIDDLE SOUTH UTILITIES, INC.

BENNETT, GEORGE F.

FEDERAL STREET FUND INC.

FLORIDA POWER AND LIGHT COMPANY

FORD MOTOR CO.

HANNA MINING CO.

HEWLETT PACKARD CORP.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

NEW ENGLAND ELECTRIC SYSTEM

ROCKEFELLER UNIVERSITY

STATE STREET INVESTMENT CO.

STATE STREET RES. & MAN. CO.

FREEMAN, RICHARD W.

DELTA AIR LINES CORPORATION

LORD, ABBETT AND COMPANY

MCCARTHY, JOHN MICHAEL

BANKERS TRUST NEW YORK CORP

CULLMAN, JOSEPH F., III

CITICORP

OELMAN, ROBERT S.

CONSOLIDATED EDISON CO OF NEW YORK

HEISKELL, MARIAN S.

EQUITABLE LIFE ASSURANCE

WHARTON, CLIFTON R.

MORGAN, J. P., AND CO., INC.

BURGESS, CARTER L.

PROCTER AND GAMBLE COMPANY

OELMAN, ROBERT S.

WELLS FARGO AND COMPANY

MILLET, ARJAY

AMERICAN ELECTRIC POWER COMPANY, INC.

BOESCHENSTEIN, WILLIAM W.

BANKERS TRUST NEW YORK CORP

MOORE, WILLIAM H.

GULF OIL CORPORATION

PEARSON, NATHAN W.

INTERNATIONAL BUSINESS MACHINES CORP.

BETCHEL, STEPHEN D., JR.

MOORE, WILLIAM H.

FROGER COMPANY, THE

BOESCHENSTEIN, WILLIAM W.

MELLON NATIONAL CORPORATION

PEARSON, NATHAN W.

NATIONAL DETROIT CORPORATION

STINSON, GEORGE A.

SOUTHERN PACIFIC COMPANY

BETCHEL, STEPHEN D., JR.

SOUTHERN RAILWAY COMPANY

PELAND, R. L.

CATERPILLAR TRACTOR COMPANY

PACKARD, DAVID

CHASE MANHATTAN CORP.

HEWLETT, WILLIAM R.

CHRYSLER CORPORATION

HEWLETT, WILLIAM R.

SAFEWAY STORES, INC.

ARBUCFLE, ERNEST C.

STANDARD OIL COMPANY OF CALIFORNIA

PACKARD, DAVID

TRANS WORLD AIRLINES, INC.

PACKARD, DAVID

WELLS FARGO AND COMPANY

ARBUCKLE, ERNEST C.

AMERICAN ELECTRIC POWER COMPANY, INC.

GAVIN, JAMES M.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HANIFY, EDWARD B.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.

FIGGINS, W. P.

JOHNSON, H. W.

FIRST NATIONAL BOSTON CORP.

BLEICKEN, GERHARD D.

GIFFORD, NELSON S.

HILL, RICHARD DEVEREUX

MERCER, WILLIAM C.

MOCKLER, COLMAN M., JR.

MORGAN, J. P., AND CO., INC.

JOHNSON, H. W.

AMERICAN AIR LINES, INC.

BURR, FRANCIS H.

EQUITABLE LIFE ASSURANCE

BURR, FRANCIS H.

FIRST NATIONAL BOSTON CORP.

NICHOLS, GUY W.

CONSOLIDATED EDISON CO OF NEW YORK

HEISKELL, MARIAN S.

FORD MOTOR CO.

HEISKELL, MARIAN S.

AMERICAN AIR LINES, INC.

BURR, FRANCIS H.

EQUITABLE LIFE ASSURANCE

BURR, FRANCIS H.

GENERAL ELECTRIC COMPANY

LAWRENCE, JOHN E.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

PHILLIPS, THOMAS L.

METROPOLITAN LIFE INSURANCE COMPANY

NICKERSON, ALBERT L.

TRAVELERS INSURANCE COMPANY

GARRETT, DAVID C., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOR MIDDLE SOUTH UTILITIES, INC.
 HIBERNIA CORP.
 LOUISIANA COCA-COLA CO.
 LEWIS, FLOYD W.
 ARKANSAS POWER AND LIGHT CO. CBS, INC.
 PHILLIPS, JOHN
 LOUISIANA POWER & LIGHT CO.
 LUTKEN, DONALD C.
 MAGNA CORP.
 MCCOLLAM, WILLIAM, JR.
 LOUISIANA POWER & LIGHT CO.
 MERRILL, FRED H.
 AMFAC, INC.
 PACIFIC GAS AND ELECTRIC COMPANY
 DE BRETTEVILLE, CHARLES
 SAFEWAY STORES, INC.
 DE BRETTEVILLE, CHARLES
 SHELL OIL COMPANY
 DE BRETTEVILLE, CHARLES
 WELLS FARGO AND COMPANY
 NEWMAN, ELLEN MAGNIN
 PERCY, LEROY P.
 FIRST MISSISSIPPI CORP.
 MISSISSIPPI POWER & LIGHT CO. BURLINGTON NORTHERN, INC.
 WILSON, ROBERT B.
 SOUTHERN COMPANY
 DANIEL, VICTOR J., JR.
 DANTZLER, ALFRED F.
 RITCHIE, REEVES E.
 ARKANSAS POWER AND LIGHT CO. CBS, INC.
 PHILLIPS, JOHN
 RODRIGUE, EDWARD A.
 SMITH, FRANK G., JR.
 WILSON, R. E. L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MISSOURI PACIFIC CORPORATION

BASCOM, JOSEPH H.
BRODERICK & BASCOM ROPE CO.
GENERAL STEEL INDUSTRIES, INC.

BECKERS, CARL L. A.
KEARNEY NATIONAL INC.

GRAY, W. ASHLEY, JR.
GENERAL STEEL INDUSTRIES, INC.

GRYMES, DOUGLASS
GENERAL STEEL INDUSTRIES, INC.
KOPPERS CO., INC.

CITICORP
OELMAN, ROBERT S.
FORD MOTOR CO.
OELMAN, ROBERT S.
GULF OIL CORPORATION
PEARSON, NATHAN W.
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
JONES, CURTIS E.
PEARSON, NATHAN W.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
FITZGERALD, EDMUND B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.

GUSSMAN, HERBERT
FIRST TULSA BANKCORPORATION, INC.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
SELLERS, ROBERT

JENKS, DOWNING B.
CHICAGO AND EASTERN ILLINOIS RAILROAD CO.
MISSOURI PACIFIC RAILROAD COMPANY

KEMPER, JAMES M., JR.
COMMERCE BANKSHARES, INC.

INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.

DICKEY, W. S., CLAY MANUFACTURING
FED. RESERVE BANK OF KANSAS CITY
GAS SERVICE CO.
KANSAS CITY LIFE INSURANCE CO.
MUELLER, PAUL, CO.
OWENS-CORNING FIBERGLASS CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
NORSTAD, LAURIS
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
TEXACO, INC.
ROOSA, ROBERT V.
UAL, INC.
NORSTAD, LAURIS

TOWES PROPERTIES CO.

KNIGHT, CHARLES F.
EMERSON ELECTRIC CO.

EASTERN AIRLINES, INC.
SCHRIEVER, BERNARD ADOLPH

FIRST UNION BANKCORPORATION, INC.

CATERPILLAR TRACTOR COMPANY
GRANT, V. V.

LLOYD, JOHN H.
CHICAGO AND EASTERN ILLINOIS RAILROAD CO.

MANLEY, ARTHUR W.

MARTIN, JAMES R.
FIRST NATIONAL BOSTON CORP.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BLEICKEN, GERHARD D.
GIFFORD, NELSON S.
HILL, RICHARD DEVEREUX
MERCER, WILLIAM C.
MOCKLER, COLMAN M., JR.

MASS. MUTUAL LIFE INSURANCE CO.

O'LEARY, THOMAS H.
CHICAGO AND EASTERN ILLINOIS RAILROAD CO.

SAULNIER, RAYMOND J.
HOUDAILE INDUSTRIES, INC.

MARINE MIDLAND BANKS, INC.
KNOX, NORTHRUP R.

SHAPLEIGH, WARREN M.
BROWN GROUP INC.
FIRST NATIONAL BANK IN ST. LOUIS
MIDLAND CONTAINER CORP.
MORGAN, J. P., AND CO., INC.

AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MISSOURI PACIFIC CORPORATION

DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENEFAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
BANKAMERICA CORPORATION
LEWIS, DAVID SLOAN, JR.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
GULF OIL CORPORATION
DEAN, R. HAL
SINGER, EDWIN
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
FERGUSON, FRANCIS E.
RCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
TIDEWATER MARINE SERVICE, INC. STANDARD OIL COMPANY OF CALIFORNIA
HILL, KENNETH E.

RALSTON PURINA CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MOBIL CORPORATION

BIRRELL, GEORGE A.

BORCH, FRED J.

SECURITY TRUST COMPANY

UTAH INTERNATIONAL, INC.

EASTMAN KODAK COMPANY

ROBSON, WYLIE SCHALL

CHASE MANHATTAN CORP.

HEWLETT, WILLIAM R.

CHRYSLER CORPORATION

HEWLETT, WILLIAM R.

FORD MOTOR CO.

MILLEP, ARJAY

GENERAL ELECTRIC COMPANY

LITTLEFIELD, EDMUND W.

SOUTHERN PACIFIC COMPANY

LITTLEFIELD, EDMUND W.

UNION PACIFIC CORPORATION

ECCLES, GEORGE S.

WELLS FARGO AND COMPANY

LITTLEFIELD, EDMUND W.

MILLER, ARJAY

CLARK, HOWARD L.

AMERICAN EXPRESS COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

WARNER, RAWLEIGH, JR.

CATERPILLAR TRACTOR COMPANY

MARTIN, WILLIAM MCCHESENEY, JR.

WARNER, RAWLEIGH, JR.

CHASE MANHATTAN CORP.

FURLAUD, RICHARD M.

CHEMICAL NEW YORK CORPORATION

WALLACE, MARTHA REDFIELD

WARNER, RAWLEIGH, JR.

CONNECTICUT GENERAL LIFE INSURANCE COMPANY

ETHERINGTON, EDWIN D.

CONTINENTAL OIL COMPANY

MCCARDELL, ARCHIE R.

GENERAL ELECTRIC COMPANY

HENLEY, HENRY H., JR.

INTERNATIONAL BUSINESS MACHINES CORP.

MARTIN, WILLIAM MCCHESENEY, JR.

MANUFACTURERS HANOVER CORPORATION

HENLEY, HENRY H., JR.

TEXACO, INC.

ROOSA, ROBERT V.

UNION PACIFIC CORPORATION

ROBINSON, JAMES D., III

UNITED STATES STEEL CORPORATION

MARTIN, WILLIAM MCCHESENEY, JR.

CLUETT PEABODY AND CO., INC.

AMERICAN EXPRESS COMPANY

HENLEY, HENRY H., JR.

BANKERS TRUST NEW YORK CORP

GELB, RICHARD L.

EASTERN AIRLINES, INC.

HALL, FLOYD D.

FEDERATED DEPARTMENT STORES, INC.

SHORE, T. SPENCER

GENERAL ELECTRIC COMPANY

HENLEY, HENRY H., JR.

MANUFACTURERS HANOVER CORPORATION

HENLEY, HENRY H., JR.

FIREMAN'S FUND INSURANCE CO.

AMERICAN EXPRESS COMPANY

DUBAIN, MYRON

LOEBBECKE, ERNEST J.

ROBINSON, JAMES D., III

FEDERATED DEPARTMENT STORES, INC.

PETERSON, PETER G.

PACIFIC GAS AND ELECTRIC COMPANY

EAMES, ALFRED W.

GERDES, ROBERT H.

UNION PACIFIC CORPORATION

ROBINSON, JAMES D., III

GENERAL FOODS CORP.

AMERICAN EXPRESS COMPANY

BOHM, MAGNUS R.

MARTIN, WILLIAM MCCHESENEY, JR.

MCCARDELL, ARCHIE R.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

BANKERS TRUST NEW YORK CORP

TAVOULAREAS, WILLIAM P.

CATERPILLAR TRACTOR COMPANY

MARTIN, WILLIAM MCCHESENEY, JR.

CHASE MANHATTAN CORP.

FERGUSON, JAMES L.

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

CHRYSLER CORPORATION

HOLLAND, JEROME HEARTWELL

CONNECTICUT GENERAL LIFE INSURANCE COMPANY

ROBERTS, HENRY R.

CONTINENTAL CORPORATION, THE

HOLLAND, JEROME HEARTWELL

CONTINENTAL OIL COMPANY

MCCARDELL, ARCHIE R.

FEDERATED DEPARTMENT STORES, INC.

HOLLAND, JEROME HEARTWELL

PETERSON, PETER G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MOBIL CORPORATION

	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	SHELL OIL COMPANY
	COOK, C. W.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
	HOLLAND, JEROME HEARTWELL
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
STONE & WEBSTER, INC.	AMERICAN EXPRESS COMPANY
	STONE, WHITNEY
	CITICORP
	GRACE, J. PETER
	FIRST NATIONAL BOSTON CORP.
	FOSTER, RAYMOND C.
UNITED STATES TRUST COMPANY	AMERICAN EXPRESS COMPANY
	AMMIDON, HOYT
	ETHERINGTON, EDWIN D.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	JOHNSON, BELTON K.
	CHRYSLER CORPORATION
	KILLEFER, TOM
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	CONTINENTAL OIL COMPANY
	BUEK, C. W.
	JONES, GILBERT E.
	DUPONT, E. I., DE NEMOURS AND CO.
	JONES, GILBERT E.
	EQUITABLE LIFE ASSURANCE
	BUEK, C. W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	JONES, GILBERT E.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	HAMILTON, FREDERIC C.
	PENNEY, J. C., CO., INC.
	MACBAIN, GAVIN KEITH
XEROX CORP.	AMERICAN EXPRESS COMPANY
	MCCARDELL, ARCHIE R.
	BANKERS TRUST NEW YORK CORP
	JORDAN, VERNON E., JR.
	CITICORP
	MCCOLOUGH, C. PETER
	CONTINENTAL OIL COMPANY
	MCCARDELL, ARCHIE R.
	PENNEY, J. C., CO., INC.
	JORDAN, VERNON E., JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	BECK, R. A.
DONNELL, EDWARD S.	
MARCOR INC.	
	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	BANKERS TRUST NEW YORK CORP
	TAVOULAREAS, WILLIAM P.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
NORTRUST CORP.	COMMONWEALTH EDISON
	BARR, JOHN A.
	DICK, ALBERT BLAKE, III
	SMITH, EDWARD BYRON
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	SCRIBNER, GILBERT H., JR.
	INTERNATIONAL HARVESTER COMPANY
	BAYS, KARL D.
	SMITH, HAROLD BYRON
	VOSS, OMER G.
PENNWALT CORP.	PRUDENTIAL INSURANCE CO. OF AMERICA
	DAVIS, C. MALCOLM
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	DAVIS, C. MALCOLM
ROCKWELL INTERNATIONAL CORP.	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	MELLON NATIONAL CORPORATION
	ROCKWELL, WILLARD F., JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
	LARKIN, FREDERICK G., JR.
	SOUTHERN CALIFORNIA EDISON COMPANY
	LARKIN, FREDERICK G., JR.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	UNION OIL COMPANY OF CALIFORNIA
	HARTLEY, FRED L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIPECTOR
FOR MOBIL CORPORATION

KLAERNER, CURTIS M.
LAPHAM, LEWIS A.

BANKERS TRUST NEW YORK CORP

WESTERN BANCORPORATION
MUDD, HENRY T.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ELLINGHAUS, WILLIAM M.

CONSUMERS POWER COMPANY
HANNON, JOHN W., JR.

CONTINENTAL OIL COMPANY
BLAUVELT, HOWARD W.

FORD MOTOR CO.
CULIMAN, JOSEPH F., III

GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.

INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.

PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.

JORDAN, VERNON E., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA

GORMAN, PAUL A.
WESTERN ELECTRIC CO., INC.

BICKMORE, LEE S.
CHEMICAL NEW YORK CORPORATION

MOSBACHER, EMIL, JR.
CITICORP

WRISTON, WALTER B.
EASTERN AIRLINES, INC.

PHALEN, CLIFTON W.
GENERAL ELECTRIC COMPANY

MICHELSON, GERTRUDE G.
WRISTON, WALTER B.

PENNEY, J. C., CO., INC.
WRISTON, WALTER B.

SAFAWAY STORES, INC.
CHUBB, PERCY, III

MITCHELL, W. S.
SAFAWAY STORES, INC.

LAPHAM, ROGER D., JR.
WELLS FARGO AND COMPANY

LAPHAM, ROGER D., JR.
NORFOLK AND WESTERN RAILWAY COMPANY

SUTPHIN, SAMUEL REID
SOUTHERN PACIFIC COMPANY

EVANS, THOMAS M., JR.
CHEMICAL NEW YORK CORPORATION

MOSBACHER, EMIL, JR.
SAFAWAY STORES, INC.

CHUBB, PERCY, III
GENERAL MOTORS CORP.

MAYER, JOHN A.
MELLON NATIONAL CORPORATION

MAYER, JOHN A.
RYAN, JOHN T., JR.

SNYDER, WILLIAM P., III
NORFOLK AND WESTERN RAILWAY COMPANY

MAYER, JOHN A.
WESTINGHOUSE ELECTRIC CORPORATION

GOOKIN, R. BURT
CONNECTICUT GENERAL LIFE INSURANCE COMPANY

CHAPMAN, FRANK
MELLON NATIONAL CORPORATION

BYROM, FLETCHER L.
METROPOLITAN LIFE INSURANCE COMPANY

MASON, BIRNEY, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO

BYROM, FLETCHER L.
UNION CARBIDE CORPORATION

MASON, BIRNEY, JR.

MASSAD, ALEXANDER H.
MURPHY, ALLEN D.
NELSON, THEODORE W.
RIORDAN, JAMES QUENTIN
BROOKLYN SAVINGS BANK
DOW JONES AND CO., INC.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.

CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.

GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL

INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.

MORGAN, J. P., AND CO., INC.
AUSTIN, J. PAUL

SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.

UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.

MARCOR INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MOBIL CORPORATION

SCHMERTZ, HERBERT
SCHMIDT, HERMAN J.

C. I. T. FINANCIAL CORP.

NATIONAL BANK OF NORTH AMERICA

SHELDON, ELEANOR H. B.
CITICORP

BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM F.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.

AMERICAN AIR LINES, INC.
CASEY, ALBERT V.
EDLEY, CHRISTOPHER F.
KRESGE, S. S., COMPANY
PURCELL, ROBERT W.
AMERICAN AIR LINES, INC.
EDLEY, CHRISTOPHER F.

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOURAKER, LAWRENCE E.
SEAPS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
AMERICAN AIR LINES, INC.
BURR, FRANCIS H.
FLEISCHMANN, MANLY
EURLINGTON NORTHERN, INC.
HENDRICKSON, ROBERT M.
CHASE MANHATTAN CORP.
EKLUND, C. G.
CONSOLIDATED EDISON CO OF NEW YORK
MUMFORD, MILTON C.
CONTINENTAL OIL COMPANY
BUEK, C. W.
EXXON CORPORATION
JAMIESON, J. K.
FORD MOTOR CO.
WHARTON, CLIFTON R.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
MELLON NATIONAL CORPORATION
FISHER, A. W.
WOOLWORTH, F. W., CO.
JAMES, GEORGE F.
CITICORP
WRISTON, WALTER B.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
WRISTON, WALTER B.

EQUITABLE LIFE ASSURANCE

RAND CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MOBIL CORPORATION

TAVOULAREAS, WILLIAM P.
BANKERS TRUST NEW YORK CORP

GENERAL FOODS CORP.

MARCOR INC.

TUCKER, RICHARD F.
CONTAINER CORP OF AMERICA
MARCOR INC.

VAN DER EB, HENRY G.

AMERICAN HOSPITAL SUPPLY CORP. AMERICAN ELECTRIC POWER COMPANY, INC.

BELL & HOWELL CO.

PENNEY, J. C., CO., INC.
WRISTON, WALTER B.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIFFCE, SAMUEL RILEY, JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
ELLINGHAUS, WILLIAM M.
CONSUMERS POWER COMPANY
HANNON, JOHN W., JR.
CONTINENTAL OIL COMPANY
BLAUVELT, HOWARD W.
FORD MOTOR CO.
CULLMAN, JOSEPH F., III
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.
INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.

PENNEY, J. C., CO., INC.
ELLINGHAUS, WILLIAM M.
JORDAN, VERNON E., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.

AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.

CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
SHELL OIL COMPANY
COOK, C. W.

UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.

AMERICAN ELECTRIC POWER COMPANY, INC.
ZWIENER, KENNETH V.
GENERAL ELECTRIC COMPANY
CATHCART, SILAS S.
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.
MORGAN, GRAHAM J.
SANTA FE INDUSTRIES, INC.
ZWIENER, KENNETH V.
CONTINENTAL ILLINOIS CORPORATION
MALOTT, ROBERT H.
FIRST CHICAGO CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP MOBIL CORPORATION

GRAHAM, WILLIAM B.
 STANDARD OIL COMPANY OF INDIANA
 MALOTT, ROBERT H.

CONTAINER CORP OF AMERICA
 NATIONAL BOULEVARD BANK OF CHICAGO

TEXACO, INC.
 WRIGLEY, WILLIAM

WARNER, RAWLEIGH, JR.
 AMERICAN EXPRESS COMPANY

CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.

CHASE MANHATTAN CORP.
 FURLAUD, RICHARD M.

CHEMICAL NEW YORK CORPORATION
 WALLACE, MARTHA REDFIELD

CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ETHERINGTON, EDWIN D.

CONTINENTAL OIL COMPANY
 MCCARDELL, ARCHIE R.

GENERAL ELECTRIC COMPANY
 HENLEY, HENRY H., JR.

INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.

MANUFACTURERS HANOVER CORPORATION
 HENLEY, HENRY H., JR.

TEXACO, INC.
 ROOSA, ROBERT V.

UNION PACIFIC CORPORATION
 ROBINSON, JAMES D., III

UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.

AMERICAN EXPRESS INTERNATIONAL BANKING CORP.
 AMERICAN EXPRESS COMPANY
 ETHERINGTON, EDWIN D.

CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ETHERINGTON, EDWIN D.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.

CHEMICAL NEW YORK CORPORATION
 BROWN, CHARLES L.

CHRYSLER CORPORATION
 HOLLAND, JEROME HEARTWELL

CITICORP
 DEBUTTS, JOHN D.

CONTINENTAL CORPORATION, THE
 HOLLAND, JEROME HEARTWELL

CONTINENTAL ILLINOIS CORPORATION
 HEWITT, WILLIAM A.

CONTINENTAL OIL COMPANY
 HEWITT, WILLIAM A.

DUPONT, E. I., DE NEMOURS AND CO.
 BROWN, CHARLES L.

EXXON CORPORATION
 MACNAUGHTON, DONALD S.

FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL

GENERAL MOTORS CORP.
 CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 HANIFY, EDWARD B.

MANUFACTURERS HANOVER CORPORATION
 HOLLAND, JEROME HEARTWELL

LINDHOLM, WILLIAM L.

NORTHWESTERN MUTUAL LIFE INSURANCE CO
 CLEARY, CATHERINE B.

PENNEY, J. C., CO., INC.
 BATTEN, WILLIAM M.

ELLINGHAUS, WILLIAM M.

PROCTER AND GAMBLE COMPANY
 SPEER, EDGAR B.

PRUDENTIAL INSURANCE CO. OF AMERICA
 MACNAUGHTON, DONALD S.

SOUTHERN CALIFORNIA EDISON COMPANY
 CARTER, EDWARD W.

SOUTHERN RAILWAY COMPANY
 DAVIS, ARCHIE K.

TEXACO, INC.
 MCGILL, WILLIAM J. (DR.)

UNION CARBIDE CORPORATION
 HOLLAND, JEROME HEARTWELL

UNITED STATES STEEL CORPORATION
 DEBUTTS, JOHN D.

SPEER, EDGAR B.

WESTERN BANCORPORATION
 CARTER, EDWARD W.

AMERICAN EXPRESS COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.

ATLANTIC RICHFIELD COMPANY
 INGERSOLL, ROBERT S.

EXXON CORPORATION
 FRANKLIN, WILLIAM H.

FIRST CHICAGO CORPORATION
 INGERSOLL, ROBERT S.

CATERPILLAR TRACTOR COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MOBIL CORPORATION

MORGAN, LEE L.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 SHELL OIL COMPANY
 BLACKIE, WILLIAM
 STANDARD OIL COMPANY OF CALIFORNIA
 PACKARD, DAVID
 TRANS WORLD AIRLINES, INC.
 PACKARD, DAVID
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.
 SCRIVENER, ROBERT CARLTON
 CHEMICAL NEW YORK CORPORATION AMERICAN EXPRESS COMPANY
 WALLACE, MARTHA REDFIELD
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 BROWN, CHARLES L.
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 CONSOLIDATED EDISON CO OF NEW YORK
 RENCHARD, WILLIAM S.
 WILLIAMS, FRANKLIN H.
 DUPONT, E. I., DE NEMOURS AND CO.
 BROWN, CHARLES L.
 EXXON CORPORATION
 PIERCY, GEORGE T.
 GENERAL ELECTRIC COMPANY
 HILLMAN, HENRY L.
 INTERNATIONAL BUSINESS MACHINES CORP.
 FUNSTON, G. KEITH
 LEARSON, T. VINCENT
 METROPOLITAN LIFE INSURANCE COMPANY
 FUNSTON, G. KEITH
 PLACE, JOHN B. M.
 NEW YORK LIFE INSURANCE COMPANY
 PIVROTT, RICHARD R.
 RENCHARD, WILLIAM S.
 SEABOARD COAST LINE INDUSTRIES, INC.
 RICE, WILLIAM THOMAS
 SEARS, ROEBUCK AND CO.
 BUTTON, JAMES W.
 STANDARD OIL COMPANY OF INDIANA
 WOOD, RICHARD D.
 UNITED STATES STEEL CORPORATION
 WALKER, WILBERT A.
 WESTINGHOUSE ELECTRIC CORPORATION
 PIVPOTT, RICHARD R.
 BANKERS TRUST NEW YORK CORP
 TAVOULAREAS, WILLIAM P.
 ATLANTIC RICHFIELD COMPANY
 FREEMAN, GAYLORD
 CONSOLIDATED EDISON CO OF NEW YORK
 HEISKELL, MARIAN S.
 CONTINENTAL OIL COMPANY
 PACE, FRANK, JR.
 FIRST CHICAGO CORPORATION
 FREEMAN, GAYLORD
 FORD MOTOR CO.
 HEISKELL, MARIAN S.
 INTERNATIONAL BUSINESS MACHINES CORP.
 WATSON, THOMAS J., JR.
 MARINE MIDLAND BANKS, INC.
 LINOWITZ, SOL M.
 PAN AMERICAN WORLD AIRWAYS, INC.
 LINOWITZ, SOL M.
 WATSON, THOMAS J., JR.
 AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 BETHLEHEM STEEL CORPORATION
 JENKINS, GEORGE P.
 CITICORP
 JENKINS, GEORGE P.
 METROPOLITAN LIFE INSURANCE COMPANY
 JENKINS, GEORGE P.
 AMERICAN EXPRESS COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 CHEMICAL NEW YORK CORPORATION
 WOOD, RICHARD D.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 STANDARD OIL COMPANY OF INDIANA
 WOOD, RICHARD D.
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 AMERICAN EXPRESS COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 BANKERS TRUST NEW YORK CORP
 MOORE, WILLIAM H.
 CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 CHASE MANHATTAN CORP.

WILLIAMS, ALBERT L.
 CITIBANK, N. A.

MARCOR INC.
 TIME, INC.

ELI LILLY & CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MOBIL CORPORATION

HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

WOLFE, PAUL J.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOP MORGAN, J. P., AND CO., INC.

AUSTIN, J. PAUL
COCA-COLA CO.

DOW JONES AND CO., INC.

GENERAL ELECTRIC COMPANY

RAND CORPORATION
RICH'S, INC.

TRUST COMPANY OF GEORGIA

BROWN, R. MANNING, JR.
ASSOCIATED DRY GOODS CORP.

AVON PRODUCTS, INC.

CALIFORNIA WATER SERVICE CO.
LOUISIANA LAND EXPLORATION CO.
NEW YORK LIFE INSURANCE COMPANY

AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
RIORDAN, JAMES QUENTIN
SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
CITICORP
WRISTON, WALTER B.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DANCE, WALKER D.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
PENNEY, J. C., CO., INC.
WRISTON, WALTER B.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.
SAFEWAY STORES, INC.
BOSWELL, JAMES G., II
SECURITY PACIFIC CORP.
BOSWELL, JAMES G., II
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
DELTA AIR LINES CORPORATION
HILL, JESSE, JR.
EQUITABLE LIFE ASSURANCE
ALLEN, IVAN, JR.
METROPOLITAN LIFE INSURANCE COMPANY
RAST, L. EDMUND
AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
DELTA AIR LINES CORPORATION
DOLSON, CHARLES H.
GARRETT, DAVID C., JR.
TRAVELERS INSURANCE COMPANY
GARRETT, DAVID C., JR.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
PLATTEN, DONALD C.
EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
CHEMICAL NEW YORK CORPORATION
MOSBACHER, EMIL, JR.
MANUFACTURERS HANOVER CORPORATION
MITCHELL, DAVID W.
NEW YORK LIFE INSURANCE COMPANY
MITCHELL, DAVID W.
RCA CORP.
SELBY, CECILY C.
AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

	THOMAS, FRANKLIN A.
	CHEMICAL NEW YORK CORPORATION
	PIVIROTT, RICHARD R.
	RENCHARD, WILLIAM S.
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	THOMAS, FRANKLIN A.
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	RENCHARD, WILLIAM S.
	CROCKER NATIONAL CORPORATION
	HULL, JEROME W.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	MANUFACTURERS HANOVER CORPORATION
	FINLEY, JAMES D.
	HAUGE, GABRIEL
	MITCHELL, DAVID W.
	PAN AMERICAN WORLD AIRWAYS, INC.
	STANTON, FRANK
	SOUTHERN PACIFIC COMPANY
	MONROE, GEORGE B.
	PERKINS, RICHARD S.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
STEVENS, J. P., & CO., INC.	CONSOLIDATED EDISON CO OF NEW YORK
	CONWAY, VIRGIL E.
	MANUFACTURERS HANOVER CORPORATION
	FINLEY, JAMES D.
	MITCHELL, DAVID W.
	NEW YORK LIFE INSURANCE COMPANY
	FINLEY, JAMES D.
	MITCHELL, DAVID W.
UNION CAMP CORP.	SEABOARD COAST LINE INDUSTRIES, INC.
	CALDER, ALEXANDER JR.
	VOGTLE, ALVIN W., JR.
	SOUTHERN COMPANY
	VOGTLE, ALVIN W., JR.
	UNION CARBIDE CORPORATION
	JONES, HORACE C.
UNION CARBIDE CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	CHASE MANHATTAN CORP.
	FERGUSON, JAMES L.
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
	METROPOLITAN LIFE INSURANCE COMPANY
	MASON, BIRNEY, JR.
	SNEATH, WILLIAM S.
	PENNEY, J. C., CO., INC.
	JACKSON, JACK B.
BURGESS, CARTER L.	BANKERS TRUST NEW YORK CORP
FORD MOTOR CO.	CULLMAN, JOSEPH F., III
	CITICORP
	OELMAN, ROBERT S.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	EQUITABLE LIFE ASSURANCE
	WHARTON, CLIFTON R.
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
	WELLS FARGO AND COMPANY
	MILLER, ARJAY
ROANOKE ELECTRIC STEEL CORP.	
SMITHKLINE CORP.	
CARY, FRANK T.	CHESSIE SYSTEM, INC.
AMF INC.	DECKER, ALONZO G., JR.
	MANUFACTURERS HANOVER CORPORATION
	MCGILLICUDDY, JOHN F.
	SHELL OIL COMPANY
	COOK, C. W.
	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
INTERNATIONAL BUSINESS MACHINES CORP.	
	AMERICAN EXPRESS COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	BANKERS TRUST NEW YORK CORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

	MOOPE, WILLIAM H.
	CATERPILLAR TRACTOR COMPANY
	MARTIN, WILLIAM MCCHESENEY, JR.
	CHASE MANHATTAN CORP.
	HARRIS, PATRICIA R.
	CHEMICAL NEW YORK CORPORATION
	FUNSTON, G. KEITH
	LEAPSON, T. VINCENT
	CITICORP
	BOUGHTON, AMORY, JR.
	SHAPIRO, IRVING S.
	CONTINENTAL ILLINOIS CORPORATION
	RIZZO, PAUL J.
	CONTINENTAL OIL COMPANY
	JONES, GILBERT E.
	DUPONT, E. I., DE NEMOURS AND CO.
	JONES, GILBERT E.
	SHAPIRO, IRVING S.
	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
	MOBIL CORPORATION
	WILLIAMS, ALBERT L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	COLFMAN, WILLIAM T., JR.
	WATSON, THOMAS J., JR.
	SOUTHERN PACIFIC COMPANY
	BETCHEL, STEPHEN D., JR.
	UNITED STATES STEEL CORPORATION
	MARTIN, WILLIAM MCCHESENEY, JR.
COLLADO, EMILLIO G.	
ADELA INVESTMENT CO., S. A.	CHARTER NEW YORK CORP.
	WALLIS, GORDON T.
	EXXON CORPORATION
	BENNETT, JACK F.
	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
	WOOLWORTH, F. W., CO.
	WALLIS, GORDON T.
DISCOUNT CORP. OF NEW YORK	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CONTINENTAL ILLINOIS CORPORATION
	RIZZO, PAUL J.
	INTERNATIONAL BUSINESS MACHINES CORP.
	RIZZO, PAUL J.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	PENNEY, J. C., CO., INC.
	AXELSON, KENNETH S.
DAVISON, DANIEL P.	
BURLINGTON NORTHERN, INC.	EQUITABLE LIFE ASSURANCE
	HENDRICKSON, ROBERT M.
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	NASON, PHILIP H.
	FIRST CHICAGO CORPORATION
	MENK, LOUIS W.
	INTERNATIONAL HARVESTER COMPANY
	MENK, LOUIS W.
	NEW YORK LIFE INSURANCE COMPANY
	BUDD, J. M.
	NORTHWEST BANCORPORATION
	DOWNING, ROBERT W.
NORTHWESTERN STATES PORTLAND CEMENT CO.	
DICKEY, CHARLES D., JR.	
BRITISH COLUMBIA FOREST PRODUCTS, LTD.	AMERICAN EXPRESS COMPANY
GENERAL ELECTRIC COMPANY	HENLEY, HENRY H., JR.
	CHASE MANHATTAN CORP.
	LAZARUS, RALPH
	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	CITICORP
	WRISTON, WALTER B.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	DANCE, WALKER D.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PIERCE, SAMUEL RILEY, JR.
	SAFeway STORES, INC.
	BOSWELL, JAMES G., II
	SECURITY PACIFIC CORP.
	BOSWELL, JAMES G., II
	SOUTHERN PACIFIC COMPANY
	LITTLEFIELD, EDMUND W.
	WELLS FARGO AND COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

LITTLEFIELD, EDMUND W.

INA CORP.

SCOTT PAPER CO.

CHASE MANHATTAN CORP.

LAZARUS, RALPH

FEDERATED DEPARTMENT STORES, INC.

LAZARUS, RALPH

GENERAL ELECTRIC COMPANY

LAZARUS, RALPH

INTERNATIONAL BUSINESS MACHINES CORP.

SCRANTON, WILLIAM W.

NORFOLK AND WESTERN RAILWAY COMPANY

SUTPHIN, SAMUEL REID

UAL, INC.

JENKINS, WILLIAM M.

DORRANCE, JOHN T., JR.

CAMPBELL SOUP CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

JOHNSON, BELTON K.

MURPHY, WILLIAM B.

BANKERS TRUST NEW YORK CORP

GORMAN, PAUL A.

EQUITABLE LIFE ASSURANCE

BLOUGH, ROGER M.

FORD MOTOR CO.

GADSDEN, HENRY W.

PHILLIPS PETROLEUM COMPANY

PIEL, WILLIAM, JR.

PRUDENTIAL INSURANCE CO. OF AMERICA

GORMAN, PAUL A.

JOHN WANAMAKER PHILADELPHIA

PENN MUTUAL LIFE INSURANCE CO.CHARTER NEW YORK CORP.

WELLER, RALPH A.

FALLON, WALTER A.

EASTMAN KODAK COMPANY

AETNA LIFE AND CASUALTY COMPANY

SHERMAN, ROBERT A.

CITICORP

HATFIELD, ROBERT S.

CONTINENTAL ILLINOIS CORPORATION

ANDERSON, ROGER E.

GENERAL MOTORS CORP.

HATFIELD, ROBERT S.

INTERNATIONAL HARVESTER COMPANY

ANDERSON, ROGER E.

MARINE MIDLAND BANKS, INC.

ZORNOW, GERALD B.

METROPOLITAN LIFE INSURANCE COMPANY

WALLIS, W. ALLEN

PENNEY, J. C., CO., INC.

KREPS, JUANITA M.

UNITED STATES STEEL CORPORATION

MEYER, JOHN M., JR.

WESTERN ELECTRIC CO., INC.

KREPS, JUANITA M.

WESTINGHOUSE ELECTRIC CORPORATION

EILERS, LOUIS K.

AMERICAN AIR LINES, INC.

FISCHER, CHARLES T., III

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

BETHLEHEM STEEL CORPORATION

PATTERSON, ELLMORE C.

CHASE MANHATTAN CORP.

CONNOR, JOHN T.

SMITH, J. STANFORD

CITICORP

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

DETROIT EDISON COMPANY

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

FIRST CHICAGO CORPORATION

SIVAGE, GERALD A.

MELLON NATIONAL CORPORATION

MAYER, JOHN A.

METROPOLITAN LIFE INSURANCE COMPANY

MCLAUGHLIN, W. EARLE

SIVAGE, GERALD A.

NATIONAL DETROIT CORPORATION

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

NORFOLK AND WESTERN RAILWAY COMPANY

MAYER, JOHN A.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

CLEARY, CATHERINE B.

PROCTER AND GAMBLE COMPANY

MORGENS, HOWARD J.

SANTA FE INDUSTRIES, INC.

PATTERSON, ELLMORE C.

UNITED STATES STEEL CORPORATION

BRANCH, HARLEE, JR.

DEBUTTS, JOHN D.

ROCHESTER GAS & ELECTRIC CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 POP MORGAN, J. P., AND CO., INC.
 ROCHESTER SAVINGS BANK
 FOY, LEWIS W.
 BETHLEHEM STEEL CORPORATION

BRINCO, LTD.
 GRAY, HANNA H.
 HOUGHTON, J. R.
 CORNING GLASS WORKS

CORNING INTERNATIONAL CORP.

DOW CORNING CORP.

METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 CITICORP
 JENKINS, GEORGE P.
 COMMONWEALTH EDISON
 WRIGHT, JOSEPH S.
 CONTINENTAL ILLINOIS CORPORATION
 WRIGHT, JOSEPH S.
 DUPONT, E. I., DE NEMOURS AND CO.
 MCCOY, CHARLES B.
 GENERAL MOTORS CORP.
 PATTERSON, ELLMORE C.
 METROPOLITAN LIFE INSURANCE COMPANY
 JENKINS, GEORGE P.
 SANTA FE INDUSTRIES, INC.
 PATTERSON, ELLMORE C.
 STANDAPD OIL COMPANY OF INDIANA
 WRIGHT, JOSEPH S.

AMERICAN AIR LINES, INC.
 BURR, FRANCIS H.
 CBS, INC.
 GILPATRIC, ROSWELL L.
 CITICORP
 HOUGHTON, AMORY, JR.
 PALMER, EDWARD LEWIS
 EASTERN AIRLINES, INC.
 GILPATRIC, ROSWELL L.
 EASTMAN KODAK COMPANY
 PERKINS, DONALD S.
 EQUITABLE LIFE ASSURANCE
 BURR, FRANCIS H.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 UNION PACIFIC CORPORATION
 PALMER, EDWARD LEWIS
 CITICORP
 HOUGHTON, AMORY, JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 CITICORP
 HOUGHTON, AMORY, JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 KRESGE, S. S., COMPANY
 GERSTOCKER, CARL A.

AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 BETHLEHEM STEEL CORPORATION
 JENKINS, GEORGE P.
 CHAPTER NEW YORK CORP.
 SMILEY, DONALD B.
 CHASE MANHATTAN CORP.
 SHINN, RICHARD F.
 CHEMICAL NEW YORK CORPORATION
 FUNSTON, G. KEITH
 PLACE, JOHN B. M.
 CITICORP
 JENKINS, GEORGE P.
 COMMONWEALTH EDISON
 JOHNSON, G. E.
 CONSOLIDATED EDISON CO OF NEW YORK
 LUCE, CHARLES F.
 CROCKER NATIONAL CORPORATION
 SOLOMON, EMMETT G.
 EASTMAN KODAK COMPANY
 WALLIS, W. ALLEN
 EXXON CORPORATION
 PETERSON, MARTHA E.
 FIRST CHICAGO CORPORATION
 SIVAGE, GERALD A.
 GENERAL MOTORS CORP.
 MCLAUGHLIN, W. EARLE
 SIVAGE, GERALD A.
 GOODYEAR TIRE AND RUBBER COMPANY
 HARPER, JOHN DICKESON
 INTERNATIONAL BUSINESS MACHINES CORP.
 FUNSTON, G. KEITH
 MELLON NATIONAL CORPORATION
 HARPER, JOHN DICKESON
 NORTHWEST AIRLINES, INC.
 LAIRD, M. R.
 PACIFIC GAS AND ELECTRIC COMPANY
 SOLOMON, EMMETT G.
 PHILLIPS PETROLEUM COMPANY
 LAIRD, M. R.
 PROCTER AND GAMBLE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

HARPER, JOHN DICKESON
PCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
SPERRY & HUTCHINSON CO.
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
MANUFACTURERS HANOVER CORPORATION
BEINECKE, WILLIAM S.
MCGILLICUDDY, JOHN F.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
JOHNSON, H. W.
CHAMPION INTERNATIONAL CORP.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
FIRST NATIONAL BOSTON CORP.
CHARPIE, ROBERT A.
GOODYEAR TIRE AND RUBBER COMPANY
GERSTENMAIER, JOHN H.
RCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
WESTINGHOUSE ELECTRIC CORPORATION
BENDETSSEN, KARL R.
DUPONT, E. I., DE NEMOUPS AND CO.
AMERICAN STORES COMPANY
HECKEPT, RICHARD E.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
CITICORP
SHAPIRO, IRVING S.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
SHAPIRO, IRVING S.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
UAL, INC.
BRIMMER, ANDREW F.
FEDERATED DEPARTMENT STORES, INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
FIGGINS, W. P.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
GAVIN, JAMES M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HANIFY, EDWARD B.
FEDERATED DEPARTMENT STORES, INC.
FIGGINS, W. P.
FIRST NATIONAL BOSTON CORP.
BLEICKEN, GERHARD D.
GIFFORD, NELSON S.
HILL, RICHARD DEVEREUX
MERCER, WILLIAM C.
MOCKLER, COLMAN M., JR.
FLOPIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
MASS. INST. OF TECHNOLOGY
LEACH, RALPH F.
CONTINENTAL CORPORATION, THE
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PEPRY
ZIPF, GEORGE G.
PUBLIC SERVICE ELECTRIC AND GAS CO.
BEEBLE, EDWARD B.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY

NIAGARA MOHAWK POWER CORPORATION

MARINE MIDLAND BANKS, INC.
DUFFY, EDWARD W.
SOUTHERN RAILWAY COMPANY
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DAVIS, ARCHIE K.
CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
WESTERN BANCORPORATION
MUDD, HENRY T.
URBAN NATIONAL CORP.
AETNA LIFE AND CASUALTY COMPANY
TAYLOR, HOBART, JR.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
TAYLOR, HOBART, JR.
WESTINGHOUSE ELECTRIC CORPORATION
TAYLOR, HOBART, JR.

MORGENS, HOWARD J.
GENERAL MOTORS CORP.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLEN NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.

OWENS-CORNING FIBERGLASS CORP. AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
NORSTAD, LAURIS
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MISSOURI PACIFIC CORPORATION
KEMPER, JAMES M., JR.
TEXACO, INC.
ROOSA, ROBERT V.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

	UAL, INC.
	NORSTAD, LAURIS
PROCTER AND GAMBLE COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	SPEER, EDGAR B.
	CITICORP
	OELMAN, ROBERT S.
	EXXON CORPORATION
	HARNES, EDWARD G.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GOODYEAR TIRE AND RUBBER COMPANY
	GEIR, PHILLIP O., JR.
	HARPER, JOHN DICKESON
	MELLON NATIONAL CORPORATION
	HARPER, JOHN DICKESON
	METROPOLITAN LIFE INSURANCE COMPANY
	HARPER, JOHN DICKESON
	TRANS WORLD AIRLINES, INC.
	MCGHEE, GEORGE C.
	UNITED STATES STEEL CORPORATION
	SPEER, EDGAR B.
PAGE, WALTER H.	
KENNECOTT COPPER CORP.	
	CITICORP
	HATFIELD, ROBERT S.
	EASTERN AIRLINES, INC.
	PHALEN, CLIFTON W.
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	GENERAL MOTORS CORP.
	HATFIELD, ROBERT S.
	GOODYEAR TIRE AND RUBBER COMPANY
	DEYOUNG, RUSSELL
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	SCHIFF, JOHN M.
	KRESGE, S. S., COMPANY
	RUSSELL, GEORGE
	PENNEY, J. C., CO., INC.
	MACBAIN, GAVIN KEITH
	PROCTER AND GAMBLE COMPANY
	MILLIKEN, FRANK R.
MERCK & CO., INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MURPHY, WILLIAM B.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	FORD MOTOR CO.
	GADSDEN, HENRY W.
	HEISKELL, MARIAN S.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
PATTERSON, ELLMORE C.	
ATCHINSON, TOPEKA & SANTA FE RAILWAY CO.	
BETHLEHEM STEEL CORPORATION	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	CITICORP
	JENKINS, GEORGE P.
	COMMONWEALTH EDISON
	WRIGHT, JOSEPH S.
	CONTINENTAL ILLINOIS CORPORATION
	WRIGHT, JOSEPH S.
	DUPONT, E. I., DE NEMOURS AND CO.
	MCCOY, CHARLES B.
	METROPOLITAN LIFE INSURANCE COMPANY
	JENKINS, GEORGE P.
	STANDARD OIL COMPANY OF INDIANA
	WRIGHT, JOSEPH S.
CANADA LIFE ASSURANCE CO.	AMERICAN AIR LINES, INC.
	LEITCH, JOHN D.
	GULF OIL CORPORATION
	MATTHEWS, BEVERLY
FEDERAL RESERVE BANK OF NEW YORK	
	METROPOLITAN LIFE INSURANCE COMPANY
	SNEATH, WILLIAM S.
	UNION CARBIDE CORPORATION
	SNEATH, WILLIAM S.
GENERAL MOTORS CORP.	AMERICAN AIR LINES, INC.
	FISCHER, CHARLES T., III
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	CHASE MANHATTAN CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	CITICORP
	DEBUTTS, JOHN D.
	HATFIELD, ROBERT S.
	DETROIT EDISON COMPANY
	FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	EASTMAN KODAK COMPANY
	FALLON, WALTER A.
	HATFIELD, ROBERT S.
	FIRST CHICAGO CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYEE, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
AMERICAN ELECTRIC POWER COMPANY, INC.
ZWIENER, KENNETH V.
FIRST CHICAGO CORPORATION
WOELFLE, ARTHUR W.
INTERNATIONAL HARVESTER COMPANY
PATTALIATA, JOHN T.
UNION OIL COMPANY OF CALIFORNIA
HALE, PRENTIS C.
WESTERN ELECTRIC CO., INC.
LAWRENCE, JOHN L.
PATTALIATA, JOHN T.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.

SANTA FE INDUSTRIES, INC.

STANDARD BRANDS, INC.

PRESTON, LEWIS T.
GENERAL ELECTRIC COMPANY

AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
CITICORP
WRISTON, WALTER B.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DANCE, WALKER D.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
PENNEY, J. C., CO., INC.
WRISTON, WALTER B.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.
SAFEWAY STORES, INC.
BOSWELL, JAMES G., II
SECURITY PACIFIC CORP.
BOSWELL, JAMES G., II
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.

PROCKNOW, DONALD E.
BELL TELEPHONE LABORATORIES, INC.

CPC INTERNATIONAL, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
CHEMICAL NEW YORK CORPORATION
PLATTEN, DONALD C.
EQUITABLE LIFE ASSURANCE
LONGNECKER, H. E.
SEILER, LEWIS P.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
MANUFACTURERS HANOVER CORPORATION
PILLIOD, CHARLES JULE, JR.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.

INGERSOLL-RAND CO.

CITICORP
GRACE, J. PETER
PUBLIC SERVICE ELECTRIC AND GAS CO.
HALLSTEIN, D. WAYNE

PRUDENTIAL INSURANCE CO. OF AMERICA

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
FXXON CORPORATION
MACNAUGHTON, DONALD S.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

	PUBLIC SERVICE ELECTRIC AND GAS CO. DAVIS, C. MALCOLM FOSTER, MARGERY SOMMERS STANDARD OIL COMPANY OF CALIFORNIA WASSON, E. HORNSBY
WESTERN ELECTRIC CO., INC.	BANKERS TRUST NEW YORK CORP BICKMORE, LEE S. CHARTER NEW YORK CORP. BURCHAM, LESTER A. EASTMAN KODAK COMPANY KREPS, JUANITA M. INTERNATIONAL HARVESTER COMPANY RATTALIATA, JOHN T. PENNEY, J. C., CO., INC. KREPS, JUANITA M. SANTA FE INDUSTRIES, INC. LAWRENCE, JOHN L. RATTALIATA, JOHN T. UNION PACIFIC CORPORATION KENEFICK, JOHN C. WOOLWORTH, F. W., CO. BURCHAM, LESTER A. GUSHMAN, JOHN LOUIS
SCHROEDER, JOHN P. JOHNS MANVILLE CORP.	BANKERS TRUST NEW YORK CORP MAY, WILLIAM F. MANUFACTURERS HANOVER CORPORATION MUNKOE, GEORGE B. SOUTHERN PACIFIC COMPANY MUNROE, GEORGE B. GOODYEAR TIRE AND RUBBER COMPANY PLATT, ROBERT HOLMES MELLON NATIONAL CORPORATION ROCKWELL, WILLARD F., JR. CITICORP PALMER, EDWARD LEWIS MANUFACTURERS HANOVER CORPORATION MUNKOE, GEORGE B. MELLON NATIONAL CORPORATION REA, WILLIAM H. SOUTHERN PACIFIC COMPANY MUNROE, GEORGE B. UNION PACIFIC CORPORATION PALMER, EDWARD LEWIS
LONE STAR INDUSTRIES, INC.	
PHELPS DODGE CORP.	
SHAPLEIGH, WARREN M. BROWN GROUP INC. FIRST NATIONAL BANK IN ST. LOUIS MIDLAND CONTAINER CORP. MISSOURI PACIFIC CORPORATION	FIRST NATIONAL BOSTON CORP. MARTIN, JAMES R. BANKAMERICA CORPORATION LEWIS, DAVID SLOAN, JR. CHARTER NEW YORK CORP. SMILEY, DONALD B. GULF OIL CORPORATION DEAN, R. HAL SINGER, EDWIN MELLON NATIONAL CORPORATION BYROM, FLETCHER L. METROPOLITAN LIFE INSURANCE COMPANY SMILEY, DONALD B. NORTHWESTERN MUTUAL LIFE INSURANCE CO BYROM, FLETCHER L. FERGUSON, FRANCIS E. RCA CORP. SMILEY, DONALD B. UNITED STATES STEEL CORPORATION SMILEY, DONALD B.
FALSTON PURINA CORP.	
TIDEWATER MARINE SERVICE, INC.	STANDARD OIL COMPANY OF CALIFORNIA HILL, KENNETH E.
SHULTZ, GEORGE P. BECHTEL CORP. AND GROUP SEARS, ROEBUCK AND CO.	CROCKER NATIONAL CORPORATION KOMES, JEROME W. AMERICAN AIR LINES, INC. BEERS, WILLIAM O. CHASE MANHATTAN CORP. PACE, NORMA T. CHEMICAL NEW YORK CORPORATION BUTTON, JAMES W. CITICORP SPENCER, WILLIAM I. COMMONWEALTH EDISON AYERS, THOMAS G. SWIFT, A. DEAN CONTINENTAL ILLINOIS CORPORATION WOOD, ARTHUR M. CROCKER NATIONAL CORPORATION LOWE, JOHN G. FIRST CHICAGO CORPORATION AYERS, THOMAS G. SWIFT, A. DEAN MANUFACTURERS HANOVER CORPORATION BEERS, WILLIAM O. UNITED STATES STEEL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR MORGAN, J. P., AND CO., INC.

BEERS, WILLIAM O.

SMITH, OLCOTT D.

AETNA LIFE AND CASUALTY COMPANY

CITICORP

GRAY, HARRY J.

EASTMAN KODAK COMPANY

SHERMAN, ROBERT A.

EXXON CORPORATION

GRAY, HARRY J.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

TAYLOR, HOBART, JR.

UNITED STATES STEEL CORPORATION

FILER, JOHN H.

RODERICK, DAVID M.

WESTINGHOUSE ELECTRIC CORPORATION

TAYLOR, HOBART, JR.

AVIS, INC.

CONTINENTAL CORPORATION, THE

BELL, DRUMMOND C.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

KEESEY, THOMAS W., JR.

MERRILL LYNCH AND COMPANY, INC.

HAACK, ROBERT WILLIAM

TRAVELERS INSURANCE COMPANY

SHAPIRO, ELI

CONNECTICUT WATER SERVICE CO.

DAY, BERRY AND HOWARD

EMHART CORP.

HARTFORD COUFANT

UNITED TECHNOLOGIES CORP.

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

CHATEL NEW YORK CORP.

WELLER, RALPH A.

CITICORP

GRAY, HARRY J.

SPENCER, WILLIAM I.

EXXON CORPORATION

GRAY, HARRY J.

NORTHEAST UTILITIES

HENNESSY, EDWARD L., JR.

SEARS, ROEBUCK AND CO.

SPENCER, WILLIAM I.

TRAVELERS INSURANCE COMPANY

FORD, T. MITCHELL

HEWITT, DAVID C.

SMITH, ARTHUR E.

WILKINS, ROGER C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NATIONAL DETROIT CORPORATION

AYMOND, A. H.

CONSUMERS POWER COMPANY

KELLOGG CO.

KRESGE, S. S., COMPANY

NORTHWESTERN MUTUAL LIFE INSURANCE CO

BODMAN, HENRY T.

KRESGE, S. S., COMPANY

MICHIGAN BELL TELEPHONE CO.

NATIONAL STEEL CORP.

CUNNINGHAM, HARRY B.

BENDIX CORP.

BURROUGHS CORP.

KRESGE, S. S., COMPANY

NATIONAL STEEL CORP.

BANKERS TRUST NEW YORK CORP

HANNON, JOHN W., JR.

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

KRESGE, S. S., COMPANY

GRIFFITHS, MARTHA W.

AMERICAN ELECTRIC POWER COMPANY, INC.

ZWIENER, KENNETH V.

CONSUMERS POWER COMPANY

ROLL, LYLE C.

PHILLIPS PETROLEUM COMPANY

WHARTON, DOLORES D.

SANTA FE INDUSTRIES, INC.

ZWIENER, KENNETH V.

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

CONSUMERS POWER COMPANY

GRIFFITHS, MARTHA W.

DETROIT EDISON COMPANY

HARPER, DAVID B.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

GENERAL MOTORS CORP.

CLEARY, CATHERINE B.

MELLON NATIONAL CORPORATION

BYROM, FLETCHER L.

NORTHWEST BANCORPORATION

BEMIS, JUDSON

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

CONSUMERS POWER COMPANY

AYMOND, A. H.

GRIFFITHS, MARTHA W.

DETROIT EDISON COMPANY

HARPER, DAVID B.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

AYMOND, A. H.

CHRYSLER CORPORATION

MACDONALD, RAY W.

BANKERS TRUST NEW YORK CORP

MARTING, WALTER A.

CHEMICAL NEW YORK CORPORATION

HILLMAN, HENRY L.

GENERAL ELECTRIC COMPANY

HILLMAN, HENRY L.

KRESGE, S. S., COMPANY

CUNNINGHAM, HARRY B.

AMERICAN ELECTRIC POWER COMPANY, INC.

FOLSOM, RICHARD G.

CHASE MANHATTAN CORP.

EKLUND, C. G.

CHEMICAL NEW YORK CORPORATION

VILA, GEORGE R.

CONSUMERS POWER COMPANY

MOTT, C. S. HARDING

CONTINENTAL ILLINOIS CORPORATION

LAFONTANT, JEWEL S.

EQUITABLE LIFE ASSURANCE

AGEE, WILLIAM M.

EKLUND, C. G.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

AGEE, WILLIAM M.

KRESGE, S. S., COMPANY

PURCELL, ROBERT W.

TRANS WORLD AIRLINES, INC.

LAFONTANT, JEWEL S.

CHRYSLER CORPORATION

MACDONALD, RAY W.

DETROIT EDISON COMPANY

SCHWARTZ, ALAN EARL

EQUITABLE LIFE ASSURANCE

WHARTON, CLIFTON R.

FORD MOTOR CO.

WHARTON, CLIFTON R.

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

CONSUMERS POWER COMPANY

AYMOND, A. H.

GRIFFITHS, MARTHA W.

DETROIT EDISON COMPANY

HARPER, DAVID B.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

AYMOND, A. H.

BANKERS TRUST NEW YORK CORP

MARTING, WALTER A.

CHEMICAL NEW YORK CORPORATION

HILLMAN, HENRY L.

GENERAL ELECTRIC COMPANY

HILLMAN, HENRY L.

KRESGE, S. S., COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NATIONAL DETROIT CORPORATION

WARNER-LAMBERT CO.	BODMAN, HENRY T. CHARTER NEW YORK CORP. GIBLIN, E. BURKE CHASE MANHATTAN CORP. CONNOR, JOHN T. DETROIT EDISON COMPANY SHONTZ, PATRICIA JANE GENERAL MOTORS CORP. CONNOR, JOHN T.
EASLICK, DAVID K. MICHIGAN BELL TELEPHONE CO.	CHRYSLER CORPORATION MACDONALD, RAY W. KRESGE, S. S., COMPANY BODMAN, HENRY T.
FISCHER, CHARLES T., III AMERICAN AIR LINES, INC.	EQUITABLE LIFE ASSURANCE BURR, FRANCIS H. FLEISCHMANN, MANLY MANUFACTURERS HANOVER CORPORATION BEERS, WILLIAM O. MARINE MIDLAND BANKS, INC. SADLER, MARION SEARS, ROEBUCK AND CO. BEERS, WILLIAM O. UNITED STATES STEEL CORPORATION BEERS, WILLIAM O. GENERAL MOTORS CORP. GERSTENBERG, RICHARD C. KRESGE, S. S., COMPANY HARPER, DAVID B. AMERICAN TELEPHONE AND TELEGRAPH COMPANY CLEARY, CATHERINE B. DEBUTTS, JOHN D. BETHLEHEM STEEL CORPORATION PATTERSON, ELLMORE C. CHASE MANHATTAN CORP. CONNOR, JOHN T. SMITH, J. STANFORD CITICORP DEBUTTS, JOHN D. HATFIELD, ROBERT S. DETROIT EDISON COMPANY GERSTENBERG, RICHARD C. EASTMAN KODAK COMPANY FALLON, WALTER A. HATFIELD, ROBERT S. FIRST CHICAGO CORPORATION SIVAGE, GERALD A. MELLON NATIONAL CORPORATION MAYER, JOHN A. METROPOLITAN LIFE INSURANCE COMPANY MCLAUGHLIN, W. EARLE SIVAGE, GERALD A. MORGAN, J. P., AND CO., INC. FALLON, WALTER A. MORGENS, HOWARD J. PATTERSON, ELLMORE C. NORFOLK AND WESTERN RAILWAY COMPANY MAYER, JOHN A. NORTHWESTERN MUTUAL LIFE INSURANCE CO CLEARY, CATHERINE B. PROCTER AND GAMBLE COMPANY MORGENS, HOWARD J. SANTA FE INDUSTRIES, INC. PATTERSON, ELLMORE C. UNITED STATES STEEL CORPORATION BRANCH, HARLEE, JR. DEBUTTS, JOHN D.
DETROIT EDISON COMPANY	
GENERAL MOTORS CORP.	
HIRAM-WALKER-GOODERHAM & WARTS, LTD.	CATERPILLAR TRACTOR COMPANY SCRIVENER, ROBERT CARLTON CONTINENTAL CORPORATION, THE LAMBERT, ALLEN T. UNITED STATES STEEL CORPORATION SCRIVENER, ROBERT CARLTON CHRYSLER CORPORATION SEMPLER, ROBERT B.
GERSTENBERG, RICHARD C. DETROIT EDISON COMPANY	
GENERAL MOTORS CORP.	AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III GENERAL MOTORS CORP. FISCHER, CHARLES T., III KRESGE, S. S., COMPANY HARPER, DAVID B. AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III AMERICAN TELEPHONE AND TELEGRAPH COMPANY CLEARY, CATHERINE B. DEBUTTS, JOHN D. BETHLEHEM STEEL CORPORATION PATTERSON, ELLMORE C. CHASE MANHATTAN CORP. CONNOR, JOHN T. SMITH, J. STANFORD

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NATIONAL DETROIT CORPORATION

CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.

MARSH & MCLENNAN COMPANIES, INC.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
COMMONWEALTH EDISON
BARF, JOHN A.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
PUTNAM MANAGEMENT COMPANY, INC. (THE)
NEWHOUSE, ROBERT JOYCE, JR.
REGAN, JOHN MACVEIGH, JR.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.

MILES LABORATORIES INC.
GRIFFITHS, MARTHA W.
CHRYSLER CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY.
HOLLAND, JEROME HEARTWELL
BANKAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
HANNON, JOHN W., JR.
KRESGE, S. S., COMPANY
AYMOND, A. H.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
AYMOND, A. H.
CONSUMERS POWER COMPANY
AYMOND, A. H.
DETROIT EDISON COMPANY
HARPER, DAVID B.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
AYMOND, A. H.

CONSUMERS POWER COMPANY

KRESGE, S. S., COMPANY

HAMANN, JOHN R.
DETROIT EDISON COMPANY

HARTWELL, ROBERT W.
CLIFFS ELECTRIC SERVICE CO.
HUDSON, JOSEPH L., JR.
DAYTON-HUDSON CORP.

AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
KRESGE, S. S., COMPANY
HARPER, DAVID B.

BURLINGTON NORTHERN, INC.
DAYTON, DONALD C.
NASON, PHILIP H.
FIRST BANK SYSTEM, INC.
NASON, PHILIP H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP NATIONAL DETROIT CORPORATION

	GENERAL MOTORS CORP. KEHPL, HOWARD H.
	NORTHWEST BANCORPORATION SPOOF, WILLIAM H.
DETROIT EDISON COMPANY	AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III
	GENERAL MOTORS CORP. FISCHER, CHARLES T., III
	GERSTENBERG, RICHARD C.
	KRESGE, S. S., COMPANY HARPER, DAVID B.
HUDSON, J. L., COMPANY	
LEWIS, WALTON A.	
LEWIS & THOMPSON AGENCY, INC.	
MCKONE, DON T.	
CONSUMERS POWER COMPANY	BANKERS TRUST NEW YORK CORP. HANNON, JOHN W., JR.
	CHRYSLER CORPORATION GRIFFITHS, MARTHA W.
	KRESGE, S. S., COMPANY AYMOND, A. H.
	GRIFFITHS, MARTHA W.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO AYMOND, A. H.
HAYES ALBION CORP.	NORTHWESTERN MUTUAL LIFE INSURANCE CO BUTLER, A. L., JR.
LIBBEY-OWENS-FOPD CO.	COLUMBIA GAS SYSTEM MACNICHOL, GEORGE P.
	NEW YORK LIFE INSURANCE COMPANY DONNELL, J. C., II
	PRUDENTIAL INSURANCE CO. OF AMERICA SCHAEFERLE, ROBERT M.
	WESTERN ELECTRIC CO., INC. GUSHMAN, JOHN LOUIS
	WOOLWORTH, F. W., CO. GUSHMAN, JOHN LOUIS
MERRY, ELLIS B.	
DETROIT INTERNATIONAL BRIDGE CO	
DOUGLAS & LOMASON CO	
GRAND TRUNK CORP.	
SHELLER-GLOBE CORP.	
ROSE, IRVING	
EDWARD ROSE & SONS	
FIRST COOLIDGE CORP.	
SEDER, ARTHUR RAYMOND, JR.	
AMERICAN NATURAL RESOURCES CO.	CHRYSLER CORPORATION KILLEFER, TOM
	SEMPLE, ROBERT B.
MICHIGAN CONSOLIDATED GAS CO.	CHRYSLER CORPORATION SEMPLE, ROBERT B.
MICHIGAN WISCONSIN PIPE LINE CO.	
SEMPLE, ROBERT B.	
AMERICAN NATURAL RESOURCES CO.	CHRYSLER CORPORATION KILLEFER, TOM
ATLANTIC MUTUAL INSURANCE CO.	CITICORP GRACE, J. PETER
	CONSOLIDATED EDISON CO OF NEW YORK CONWAY, VIRGIL E.
BASF WYANDOTTE CORP.	
CHRYSLER CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY HOLLAND, JEROME HEARTWELL
	BANKAMERICA CORPORATION HALABY, NAJEEB E.
	CHASE MANHATTAN CORP. DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONSUMERS POWER COMPANY GRIFFITHS, MARTHA W.
	CONTINENTAL CORPORATION, THE HOLLAND, JEROME HEARTWELL
	FEDERATED DEPARTMENT STORES, INC. HOLLAND, JEROME HEARTWELL
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO. BRYAN, ANTHONY J. A.
	KRESGE, S. S., COMPANY GRIFFITHS, MARTHA W.
	MANUFACTURERS HANOVER CORPORATION HAUGE, GABRIEL
	HOLLAND, JEROME HEARTWELL
	NEW YORK LIFE INSURANCE COMPANY HAUGE, GABRIEL
	SOUTHERN RAILWAY COMPANY BRYAN, ANTHONY J. A.
	UNION CARBIDE CORPORATION HOLLAND, JEROME HEARTWELL
MICHIGAN CONSOLIDATED GAS CO.	
NATIONAL BANK OF DETROIT	AMERICAN AIR LINES, INC. FISCHER, CHARLES T., III
	DETROIT EDISON COMPANY FISCHER, CHARLES T., III
	GENERAL MOTORS CORP. FISCHER, CHARLES T., III
SHAPERO, NATE S.	
CUNNINGHAM DRUG STORES, INC.	DETROIT EDISON COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NATIONAL DETROIT CORPORATION

STINSON, GEORGE A.
HANNA MINING CO.

SCHWARTZ, ALAN EARL

AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
GULF OIL CORPORATION
PEARSON, NATHAN W.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
MOORE, WILLIAM H.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MELLON NATIONAL CORPORATION
PEARSON, NATHAN W.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.
BANKERS TRUST NEW YORK CORP
MARTING, WALTER A.
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
KRESGE, S. S., COMPANY
BODMAN, HENRY T.
CUNNINGHAM, HARRY B.
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
UNITED STATES STEEL CORPORATION
LARRY, R. HEATH
WESTINGHOUSE ELECTRIC CORPORATION
WILCOX, GEORGE L.

NATIONAL STEEL CORP.

PITTSBURGH NATIONAL CORP.

STROH, PETER W.
STROH BREWERY CO.
SURDAM, ROBERT M.
BURROUGHS CORP.

CHRYSLER CORPORATION
MACDONALD, RAY W.
DETROIT EDISON COMPANY
SCHWARTZ, ALAN EARL
EQUITABLE LIFE ASSURANCE
WHARTON, CLIFTON R.
FORD MOTOR CO.
WHARTON, CLIFTON R.
KRESGE, S. S., COMPANY
CUNNINGHAM, HARRY B.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
CHRYSLER CORPORATION
SEMPLE, ROBERT B.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III

NATIONAL BANK OF DETROIT

WESTON, NORMAN B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

BELL, E. V.
BISSELL, M. P.
BROWN, R. MANNING, JR.
ASSOCIATED DRY GOODS CORP.

AVON PRODUCTS, INC.

CALIFORNIA WATER SERVICE CO.
LOUISIANA LAND EXPLORATION CO.
MORGAN, J. P., AND CO., INC.

CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
PLATTEN, DONALD C.
EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
CHEMICAL NEW YORK CORPORATION
MOSBACHER, EMIL, JR.
MANUFACTURERS HANOVER CORPORATION
MITCHELL, DAVID W.
FCA CORP.
SELBY, CECILY C.

AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
BOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
MITCHELL, DAVID W.
SEABOARD COAST LINE INDUSTRIES, INC.
CALDER, ALEXANDER JR.
VOGTLE, ALVIN W., JR.
SOUTHERN COMPANY
VOGTLE, ALVIN W., JR.
UNION CARBIDE CORPORATION
JONES, HORACE C.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL

STEVENS, J. P., & CO., INC.

UNION CAMP CORP.

UNION CARBIDE CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

	WILSON, F. PERRY
	METROPOLITAN LIFE INSURANCE COMPANY
	MASON, BIRNEY, JR.
	SNEATH, WILLIAM S.
	PENNEY, J. C., CO., INC.
	JACKSON, JACK B.
BUDD, J. M.	
BURLINGTON NORTHERN, INC.	
	EQUITABLE LIFE ASSURANCE
	HENDRICKSON, ROBERT M.
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	NASON, PHILIP H.
	FIRST CHICAGO CORPORATION
	MENK, LOUIS W.
	INTERNATIONAL HARVESTER COMPANY
	MENK, LOUIS W.
	MORGAN, J. P., AND CO., INC.
	DAVISON, DANIEL P.
	NORTHWEST BANCORPORATION
	DOWNING, ROBERT W.
MARSHALL FIELD & CO.	COMMONWEALTH EDISON
	ALLARD, JEAN
	DICK, ALBERT BLAKE, III
	FIRST CHICAGO CORPORATION
	SIVAGE, GERALD A.
	GENERAL MOTORS CORP.
	SIVAGE, GERALD A.
	METROPOLITAN LIFE INSURANCE COMPANY
	SIVAGE, GERALD A.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	SMITH, HAROLD BYRON, JR.
	STANDARD OIL COMPANY OF INDIANA
	BURNHAM, JOSEPH A.
	WESTINGHOUSE ELECTRIC CORPORATION
	BERCHER, HARRY O.
CARBINE, PATRICIA T.	
DONNELL, J. C., II	
ARMCO STEEL CORP.	
	CHASE MANHATTAN CORP.
	VERITY, CALVIN WILLIAM, JR.
	DUKE POWER CO
	HENSON, PAUL HARRY
	GOODYEAR TIRE AND RUBBER COMPANY
	GEIR, PHILLIP O., JR.
	PROCTER AND GAMBLE COMPANY
	GEIR, PHILLIP O., JR.
	COLUMBIA GAS SYSTEM
	MACNICHOL, GEORGE P.
	CONSUMERS POWER COMPANY
	MCKONE, DON T.
	NATIONAL DETROIT CORPORATION
	MCKONE, DON T.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	SCHAEFERLE, ROBERT M.
	WESTERN ELECTRIC CO., INC.
	GUSHMAN, JOHN LOUIS
	WOOLWORTH, F. W., CO.
	GUSHMAN, JOHN LOUIS
DOWELL, DUDLEY	
EATON, F. H.	
SHEARMAN & STERLING	
FINLEY, JAMES D.	
BORDEN, INC.	
	CBS, INC.
	BROWN, COURTNEY C.
	CHEMICAL NEW YORK CORPORATION
	MARUSI, AUGUSTINE R.
	RENCHARD, WILLIAM S.
	RICE, WILLIAM THOMAS
	CONSOLIDATED EDISON CO OF NEW YORK
	RENCHARD, WILLIAM S.
	WIEN, LAWRENCE A.
	CONTINENTAL CORPORATION, THE
	STEWART, PATRICIA CARRY
	SEABOARD COAST LINE INDUSTRIES, INC.
	RICE, WILLIAM THOMAS
	TRANS WORLD AIRLINES, INC.
	STEWART, PATRICIA CARRY
	UNION PACIFIC CORPORATION
	BROWN, COURTNEY C.
	WOOLWORTH, F. W., CO.
	CARRY, PATRICIA J.
MANUFACTURERS HANOVER CORPORATION	
	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	AMERICAN BROADCASTING COMPANIES
	MACIOCE, THOMAS M.
	AMERICAN EXPRESS COMPANY
	HENLEY, HENRY H., JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	LINDHOLM, WILLIAM L.
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	HOLLAND, JEROME HEARTWELL
	CONSOLIDATED EDISON CO OF NEW YORK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPP, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
CHASE MANHATTAN CORP.
PACE, NORMA T.
SHINN, RICHARD R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
SEARS, ROEBUCK AND CO.
PACE, NORMA T.
CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
MANUFACTURERS HANOVER CORPORATION
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, F. MANNING, JR.
UNION CARBIDE CORPORATION
BROWN, F. MANNING, JR.

SPERRY FAND CORP.

STEVENS, J. P., & CO., INC.

GOODPASTER, A. J.
HANNAN, K. H.
HAUGE, GABRIEL
AMAX, INC.

INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
MANUFACTURERS HANOVER CORPORATION
LAPORTE, WILLIAM F.

AMERICAN HOME PRODUCTS CORP.

BROOKLYN UNION GAS CO.
CHRYSLER CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPLE, ROBERT B.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
MORGAN, J. P., AND CO., INC.
COLIADO, EMILIO G.
PENNEY, J. C., CO., INC.
AXELSON, KENNETH S.

DISCOUNT CORP. OF NEW YORK

GENERAL AMERICAN INVESTORS, INC.
MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEEPS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
NEW YORK TELEPHONE COMPANY AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
CBS, INC.
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CITICORP
HOUGHTON, AMORY, JR.
THOMAS, FRANKLIN A.
EASTERN AIRLINES, INC.
HALL, FLOYD D.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
MARINE MIDLAND BANKS, INC.
WENDEL, WILLIAM H.
PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.
SAS, INC.
HULL, JEROME W.
CROCKER NATIONAL CORPORATION
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
SEARS, ROEBUCK AND CO.
LOWE, JOHN G.
DIGIORGIO CORP. BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
PACIFIC TELEPHONE & TELEGRAPH CO.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
CROCKER NATIONAL CORPORATION
SMITH, WILLIAM FRENCH
SOLOMON, EMMETT G.
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
PACIFIC GAS AND ELECTRIC COMPANY
HASS, WALTER A.
SOLOMON, EMMETT G.
SECURITY PACIFIC CORP.
DUCOMMUN, CHARLES F.
SOUTHERN CALIFORNIA EDISON COMPANY
HALE, STANTON G.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
PSA INC.
HUMELSINE, C. H.
CHESAPEAKE & POTOMAC TELE
COLONIAL WILLIAMSBURG FOUNDATION
GARFINCKEL BROOKS BROS MILLER & RHODES
UNITED VIRGINIA BANKSHARES INC.
VEPCO
RANDALL, KENNETH A.
MARCUS, STANLEY
CARTER HAWLEY HALE STORES, INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

DI GIORGIO, ROBERT
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSEY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
CARTER, EDWARD W.
HALE, STANTON S.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSEY
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
HALE, PRENTIS C.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
CARTER, EDWARD W.
AMERICAN AIR LINES, INC.
ASTON, JAMES W.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
BRIGHT, HARVEY R.
SEARS, ROEBUCK AND CO.
DAVIES, ALFRED I.

REPUBLIC OF TEXAS CORP.

MCBRIDE, KATHERINE E.
MEARES, C. W. V.
MITCHELL, DAVID W.
AVON PRODUCTS, INC.

ATLANTIC RICHFIELD COMPANY
WILSON, FENDRICK P., JR.
CHEMICAL NEW YORK CORPORATION
MOSBACHER, EMIL, JR.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
ECA CORP.
SELBY, CECILY C.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
ATLANTIC RICHFIELD COMPANY
WILSON, FENDRICK P., JR.
FEDERATED DEPARTMENT STORES, INC.
LACHMAN, LAWRENCE
PENNEY, J. C., CO., INC.
AXELSON, KENNETH S.
SOUTHERN RAILWAY COMPANY
IPELAND, R. L.

DRY DOCK SAVINGS BANK

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MAGGIORE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY E., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDGREN, WILLIAM L.
CHRYSLER CORPORATION
RAGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
PICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPP, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY E., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA W. N.
CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.

STEVENS, J. P., & CO., INC.

MONROE, GEORGE B.
SOUTHERN PACIFIC COMPANY

CITICORP
HANLEY, JAMES W.
CONSOLIDATED EDISON CO OF NEW YORK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

PERKINS, RICHARD S.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
MUNROE, GEORGE B.
PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SAFEWAY STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

PAYNTER, R. K., JR.
PERKINS, RICHARD S.
ALLIED CHEMICAL CORP.

CHARTER NEW YORK CORP.
GIBLIN, E. BURKE
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SHINN, RICHARD R.
GENERAL MOTORS CORP.
CONNOR, JOHN T.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NORFOLK AND WESTERN RAILWAY COMPANY
FISCHWICK, JOHN P.

CONSOLIDATED EDISON CO OF NEW YORK
CHEMICAL NEW YORK CORPORATION
RENNARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
CONTINENTAL CORPORATION, THE
PAINE, PETER S.
EQUITABLE LIFE ASSURANCE
MUMFORD, MILTON C.
FORD MOTOR CO.
HEISKELL, MARIAN S.
MANUFACTURERS HANOVER CORPORATION
BEINECKE, WILLIAM S.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
UAL, INC.
LUCE, CHARLES F.

HOSPITAL CORP. OF AMERICA
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.

SCANDINAVIAN SECURITIES CORP. AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

SOUTHERN PACIFIC COMPANY
CITICORP
HANLEY, JAMES W.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
MANUFACTURERS HANOVER CORPORATION
MUNROE, GEORGE B.
PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SAFEWAY STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

UNA CORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

PIVIPOTT, RICHARD R.

ASSOCIATED DRY GOODS CORP.

BOWERY SAVINGS BANK

CHEMICAL NEW YORK CORPORATION

GENERAL AMERICAN INVESTORS CO, INC.

WESTINGHOUSE ELECTRIC CORPORATION

RENCHARD, WILLIAM S.
AMERADA HESS CORP.

ARMSTRONG RUBBER CO.
BAKER INDUSTRIES INC.
BALDWIN SECURITIES CORP.
BORDEN, INC.

CBS, INC.

BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
PLATTEN, DONALD C.

EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.

MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.

UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.

UNION PACIFIC CORPORATION
BROWN, COURTNEY C.

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD

CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD

METROPOLITAN LIFE INSURANCE COMPANY
WEAVER, ROBERT C.

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD

WARNER, RAWLEIGH, JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.

WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY

PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY

WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK

RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.

DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.

EXXON CORPORATION

PIEPCY, GEORGE T.

GENERAL ELECTRIC COMPANY

HILLMAN, HENRY L.

INTERNATIONAL BUSINESS MACHINES CORP.

FUNSTON, G. KEITH

LEARSON, T. VINCENT

METROPOLITAN LIFE INSURANCE COMPANY

FUNSTON, G. KEITH

PLACE, JOHN B. M.

MOBIL CORPORATION

WARNER, RAWLEIGH, JR.

SEABOARD COAST LINE INDUSTRIES, INC.

RICE, WILLIAM THOMAS

SEARS, ROEBUCK AND CO.

BUTTON, JAMES W.

STANDARD OIL COMPANY OF INDIANA

WOOD, RICHARD D.

UNITED STATES STEEL CORPORATION

WALKER, WILBERT A.

AETNA LIFE AND CASUALTY COMPANY

TAYLOR, HOBART, JR.

CITICORP

MILLIKEN, ROGER

EASTMAN KODAK COMPANY

EILERS, LOUIS K.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

TAYLOR, HOBART, JR.

MANUFACTURERS HANOVER CORPORATION

MCGILLICUDDY, JOHN F.

WHITMAN, MARINA V. N.

MELLON NATIONAL CORPORATION

BURNHAM, DONALD C.

AMERICAN BROADCASTING COMPANIES

HESS, LEON

PUBLIC SERVICE ELECTRIC AND GAS CO.

VAN FOSSAN, ROBERT V.

CBS, INC.

BROWN, COURTNEY C.

CHEMICAL NEW YORK CORPORATION

MARUSI, AUGUSTINE R.

RICE, WILLIAM THOMAS

CONSOLIDATED EDISON CO OF NEW YORK

WIEN, LAWRENCE A.

CONTINENTAL CORPORATION, THE

STEWART, PATRICIA CARRY

MANUFACTURERS HANOVER CORPORATION

FINLEY, JAMES D.

SEABOARD COAST LINE INDUSTRIES, INC.

RICE, WILLIAM THOMAS

TRANS WORLD AIRLINES, INC.

STEWART, PATRICIA CARRY

UNION PACIFIC CORPORATION

BROWN, COURTNEY C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF NEW YORK LIFE INSURANCE COMPANY

WOOLWORTH, F. W., CO.

CARRY, PATRICIA J.

C. I. REALTY INVESTORS

CHEMICAL NEW YORK CORPORATION AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
GULF OIL CORPORATION
BEEGHLY, CHARLES M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
HARRISON, H. STUART
CONSOLIDATED EDISON CO OF NEW YORK
CHEMICAL NEW YORK CORPORATION
WILLIAMS, FRANKLIN H.
CONTINENTAL CORPORATION, THE
PAINE, PETER S.
EQUITABLE LIFE ASSURANCE
MUMFORD, MILTON C.
FORD MOTOR CO.
HEISKELL, MARIAN S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
BEINECKE, WILLIAM S.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.
UAL, INC.
LUCE, CHARLES F.
STANTON, FRANK
AMERICAN ELECTRIC POWER COMPANY, INC.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
GAVIN, JAMES M.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
SANTA FE INDUSTRIES, INC.
ZWIENER, KENNETH V.
ATLANTIC RICHFIELD COMPANY CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
FIRST CHICAGO CORPORATION
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
PAN AMERICAN WORLD AIRWAYS, INC.
KENDALL, DONALD M.
RCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
BOOK DIGEST, INC.
CBS, INC.
CITICORP
THOMAS, FRANKLIN A.
EASTERN AIRLINES, INC.
GILPATRIC, ROSWELL L.
PAN AMERICAN WORLD AIRWAYS, INC.
TREE, MARIETTA
UNION PACIFIC CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

BROWN, COURTNEY C.
LOVETT, ROBERT A.

INTERPUBLIC GROUP OF COMPANIES, INC.

NEW PERSPECTIVE FUND, INC.

OBSERVER, THE, LTD.

PAN AMERICAN WORLD AIRWAYS, INC.

ATLANTIC RICHFIELD COMPANY

KENDALL, DONALD M.

BANKAMERICA CORPORATION

DILLINGHAM, LOWELL S.

CBS, INC.

TREE, MARIETTA

GOODYEAR TIRE AND RUBBER COMPANY

ANDERSON, ROBERT B.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

WISER, FORWOOD C., JR.

INTERNATIONAL BUSINESS MACHINES CORP.

COLEMAN, WILLIAM T., JR.

WATSON, THOMAS J., JR.

MARINE MIDLAND BANKS, INC.

LINOWITZ, SOL M.

SECURITY PACIFIC CORP.

ANDERSON, ROBERT B.

THOMAS, FRANKLIN A.

ALLIED STORES CORP.

AMERICAN BROADCASTING COMPANIES

GOLDENSON, LEONARD H.

MACIOCE, THOMAS M.

CHASE MANHATTAN CORP.

ROEDER, GEORGE A., JR.

MANUFACTURERS HANOVER CORPORATION

MACIOCE, THOMAS M.

MCPHERSON, RENE C.

CBS, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.

STANTON, FRANK

ATLANTIC RICHFIELD COMPANY

STANTON, FRANK

EASTERN AIRLINES, INC.

GILPATRIC, ROSWELL L.

PAN AMERICAN WORLD AIRWAYS, INC.

STANTON, FRANK

TREE, MARIETTA

UNION PACIFIC CORPORATION

BROWN, COURTNEY C.

LOVETT, ROBERT A.

CITICORP

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DEBUTTS, JOHN D.

BETHLEHEM STEEL CORPORATION

JENKINS, GEORGE P.

DUPONT, E. I., DE NEMOURS AND CO.

SHAPIRO, IRVING S.

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

EQUITABLE LIFE ASSURANCE

SHELDON, ELEANOR H. B.

EXXON CORPORATION

GARVIN, CLIFTON C., JR.

GRAY, HARRY J.

FORD MOTOR CO.

OELMAN, ROBERT S.

GENERAL ELECTRIC COMPANY

WPISTON, WALTER B.

GENERAL MOTORS CORP.

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

INTERNATIONAL BUSINESS MACHINES CORP.

HOUGHTON, AMORY, JR.

SHAPIRO, IRVING S.

METROPOLITAN LIFE INSURANCE COMPANY

JENKINS, GEORGE P.

MOBIL CORPORATION

SHELDON, ELEANOR H. B.

PENNEY, J. C., CO., INC.

SEIBERT, DONALD VINCENT

WRISTON, WALTER B.

PROCTER AND GAMBLE COMPANY

OELMAN, ROBERT S.

RCA CORP.

FOURAKER, LAWRENCE E.

SEARS, ROEBUCK AND CO.

SPENCER, WILLIAM I.

SOUTHERN PACIFIC COMPANY

HANLEY, JAMES W.

STANDARD OIL COMPANY OF CALIFORNIA

HAYNES, HAROLD J.

PIGOTT, CHARLES M.

UNION PACIFIC CORPORATION

BARNETT, FRANK E.

PALMER, EDWARD LEWIS

UNITED STATES STEEL CORPORATION

DEBUTTS, JOHN D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NEW YORK LIFE INSURANCE COMPANY

	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
CUMMINS ENGINE CO., INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MILLER, J. IRWIN
	CBS, INC.
	SCHACHT, HENRY B.
	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	EASTMAN KODAK COMPANY
	PERKINS, DONALD S.
	GENERAL ELECTRIC COMPANY
	HILLMAN, HENRY L.
NEW YORK TELEPHONE COMPANY	AMERICAN EXPRESS COMPANY
	WALLACE, MARTHA REDFIELD
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	CHRYSLER CORPORATION
	HAUGE, GABRIEL
	CITICORP
	HOUGHTON, AMORY, JR.
	EASTERN AIRLINES, INC.
	HALL, FLOYD D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	HOUGHTON, AMORY, JR.
	MANUFACTURERS HANOVER CORPORATION
	HAUGE, GABRIEL
	LINDHOLM, WILLIAM L.
	MARINE MIDLAND BANKS, INC.
	WENDEL, WILLIAM H.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	YUNICH, DAVID L.
TRWAITS, W. O.	
ALCAN ALUMINUM LTD.	
NORCEN ENERGY RESOURCES LTD.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP NORFOLK AND WESTERN RAILWAY COMPANY

CLAYTOR, ROBERT B.

FISCHWICK, JOHN P.

ALLIED CHEMICAL CORP.

CHARTER NEW YORK CORP.

GIBLIN, E. BURKE

CHASE MANHATTAN CORP.

CONNOR, JOHN T.

SHINN, RICHARD R.

CONSOLIDATED EDISON CO OF NEW YORK

PERKINS, RICHARD S.

GENERAL MOTORS CORP.

CONNOR, JOHN T.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

PERKINS, RICHARD S.

METROPOLITAN LIFE INSURANCE COMPANY

SHINN, RICHARD R.

NEW YORK LIFE INSURANCE COMPANY

PERKINS, RICHARD S.

SOUTHERN PACIFIC COMPANY

PERKINS, RICHARD S.

DERECO, INC.

WABASH RAILROAD CO.

FOWLER, HENRY H.

U. S. INDUSTRIES, INC.

GENERAL ELECTRIC COMPANY

PIERCE, SAMUEL RILEY, JR.

INVESTORS DIVERSIFIED SERVICES, INC.

KIRBY, FRED MORGAN, II

PRUDENTIAL INSURANCE CO. OF AMERICA

PIERCE, SAMUEL RILEY, JR.

YUNICH, DAVID L.

WOOLWORTH, F. W., CO.

KIRBY, FRED MORGAN, II

LOWE, WILLIAM S.

MAYER, JOHN A.

ALUMINUM COMPANY OF AMERICA

FIRST CHICAGO CORPORATION

CARLSON, EDWARD E.

GOODYEAR TIRE AND RUBBER COMPANY

HARPER, JOHN DICKESON

GULF OIL CORPORATION

PEARSON, NATHAN W.

MELLON NATIONAL CORPORATION

GEORGE, W. H. KROME

HARPER, JOHN DICKESON

PEARSON, NATHAN W.

METROPOLITAN LIFE INSURANCE COMPANY

HARPER, JOHN DICKESON

PROCTER AND GAMBLE COMPANY

HARPER, JOHN DICKESON

UAL, INC.

CARLSON, EDWARD E.

AMERICAN AIR LINES, INC.

FISCHER, CHARLES T., III

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

BETHLEHEM STEEL CORPORATION

PATTERSON, ELLMORE C.

CHASE MANHATTAN CORP.

CONNOR, JOHN T.

SMITH, J. STANFORD

CITICORP

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

DETROIT EDISON COMPANY

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

EASTMAN KODAK COMPANY

FALLON, WALTER A.

HATFIELD, ROBERT S.

FIRST CHICAGO CORPORATION

SIVAGE, GERALD A.

METROPOLITAN LIFE INSURANCE COMPANY

MCLAUGHLIN, W. EARLE

SIVAGE, GERALD A.

MORGAN, J. P., AND CO., INC.

FALLON, WALTER A.

MORGENS, HOWARD J.

PATTERSON, ELLMORE C.

NATIONAL DETROIT CORPORATION

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

CLEARY, CATHERINE B.

PROCTER AND GAMBLE COMPANY

MORGENS, HOWARD J.

SANTA FE INDUSTRIES, INC.

PATTERSON, ELLMORE C.

UNITED STATES STEEL CORPORATION

BRANCH, HARLEE, JR.

DEBUTTS, JOHN D.

BANKERS TRUST NEW YORK CORP

LAPHAM, LEWIS A.

MELLON NATIONAL CORPORATION

RYAN, JOHN T., JR.

SNYDER, WILLIAM P., III

HEINZ, H. J., CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORFOLK AND WESTERN RAILWAY COMPANY

MELLON NATIONAL CORPORATION

PPG INDUSTRIES, INC.

NEUSCHEL, ROBERT P.
BUTLER MANUFACTURING CO.

REDMAN, HAMILTON M.
VIRGINIA NATIONAL BANKSHARES INC.

STROTZ, ROBERT H.
ILLINOIS TOOL WORKS, INC.

PEOPLES GAS CO.

UNITED STATES GYPSUM CO.

SUTPHIN, SAMUEL REID
CRANE CO.

INDIANA NATIONAL CORP.
MALLORY, P. R. & CO., INC.
SCOTT PAPER CO.

WINDING, CHARLES A.

MOBIL CORPORATION
LAPHAM, LEWIS A.

WESTINGHOUSE ELECTRIC CORPORATION
GOOKIN, R. BURT

EQUITABLE LIFE ASSURANCE
FISHER, A. W.

GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON

GULF OIL CORPORATION
HIGGINS, JAMES H.
PEARSON, NATHAN W.

METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON

NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.

PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON

UNITED STATES STEEL CORPORATION
GOTT, EDWIN H.

WESTINGHOUSE ELECTRIC CORPORATION
BURNHAM, DONALD C.

GULF OIL CORPORATION
BEEGHLY, CHARLES M.

MELLON NATIONAL CORPORATION
BARKER, ROBINSON F.
GEORGE, W. H. KROME

WELLS FARGO AND COMPANY
FULLER, W. P., III

WESTERN ELECTRIC CO., INC.
MORGAN, JOHN A.

TENNECO, INC.
DIESEL, JOHN P.

VEPCO
BURROUGHS, CHARLES F., JR.

COMMONWEALTH EDISON
SMITH, EDWARD BYRON

GENERAL ELECTRIC COMPANY
CATHCART, SILAS S.

INTERNATIONAL HARVESTER COMPANY
SMITH, HAROLD BYRON
VOSS, OMER G.

SANTA FE INDUSTRIES, INC.
SWIFT, EDWARD F.

CHASE MANHATTAN CORP.
LILLEY, ROBERT D.

CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.

INTERNATIONAL HARVESTER COMPANY
LANTERMAN, JOSEPH B.

INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.
THOMPSON, THOMAS M.

MARINE MIDLAND BANKS, INC.
DUFFY, EDWARD W.

STANDARD OIL COMPANY OF INDIANA
MYERS, GEORGE V.

WESTINGHOUSE ELECTRIC CORPORATION
BERCHER, HARRY O.

BANKERS TRUST NEW YORK CORP
LAPHAM, LEWIS A.

MOBIL CORPORATION
LAPHAM, LEWIS A.

SOUTHERN PACIFIC COMPANY
EVANS, THOMAS M., JR.

CHASE MANHATTAN CORP.
LAZARUS, RALPH

FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH

GENERAL ELECTRIC COMPANY
DICKY, CHARLES D., JR.
LAZARUS, RALPH

INTERNATIONAL BUSINESS MACHINES CORP.
SCRANTON, WILLIAM W.

MORGAN, J. P., AND CO., INC.
DICKY, CHARLES D., JR.

UAL, INC.
JENKINS, WILLIAM M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHEAST UTILITIES

BATES, EDWARD B.

CGT CORP.

HEUBLEIN, INC.

STANLEY WORKS

BENSON, LUCY WILSON

CONTINENTAL GROUP, INC.

CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ENGLISH, J. F., JR.
WALDRON, E. B., JR.

CITICORP

HATFIELD, ROBERT S.
SEIBERT, DONALD VINCENT
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
GENERAL ELECTRIC COMPANY
PARFEE, JACQ. S.
GENERAL MOTORS CORP.
HATFIELD, ROBERT S.
GENERAL PUBLIC UTILITIES CORP.
HAYFORD, WARREN J.
GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
HAZARD, ELLISON L.
SMITH, LLOYD B.
MANUFACTURERS BANKING CORPORATION
LYET, J. PAUL
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.

COLLINS, JOHN

DAVIS, DONALD W.

GOLDMARK, PETER C.

HASKELL, RICHARD B.

HENNESSY, EDWARD L., JR.

HARTFORD NATIONAL CORP.

AETNA LIFE AND CASUALTY COMPANY
BLATZ, DURAND B.
KOOPMAN, RICHARD
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
WATKINS, F. D.
TRAVELERS INSURANCE COMPANY
FORD, T. MITCHELL
AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
SMITH, OLCOTT D.
CHAPTER NEW YORK CORP.
WELLER, RALPH A.
CITICORP
GRAY, HARRY J.
SPENCER, WILLIAM I.
EKKON CORPORATION
GRAY, HARRY J.
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
TRAVELERS INSURANCE COMPANY
FORD, T. MITCHELL
HEWITT, DAVID C.
SMITH, ARTHUR E.
WILKINS, ROGER C.

UNITED TECHNOLOGIES CORP.

UT CREDIT CORP.

JONES, EUGENE D.

FITCHINGS, CHESTER W.

LUNT, DENHAM C., JR.

PAPE, WILLIAM J., II

POKROSS, DAVID R.

SILLIN, ISLAN F., JR.

CHAPTER NEW YORK CORP.

GENERAL TELEPHONE AND ELECTRONICS CORP.
BROPHY, THEODORE F.
KNOWLES, JOHN H., M.D.
MURPHY, GEORGE A.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
FCA CORP.
SMILEY, DONALD B.
SHELL OIL COMPANY
BOOKOUT, JOHN F.
UNION PACIFIC CORPORATION
MITCHELL, HAMILTON B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
WESTERN ELECTRIC CO., INC.
BURCHAM, LESTER A.
WOLFEARTH, F. W., CO.
BURCHAM, LESTER A.
WALLIS, GORDON T.

HARTFORD ELECTRIC LIGHT CO.
LITTLE, ARTHUR D., INC.

AMERICAN ELECTRIC POWER COMPANY, INC.
FOLSOM, RICHARD G.
GAVIN, JAMES M.
FIRST NATIONAL BANK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHEAST UTILITIES

	BLEICKEN, GERHARD D.
	WILLIAMS, BEN AMES, JR.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BLEICKEN, GERHARD D.
	GAVIN, JAMES M.
	PACIFIC GAS AND ELECTRIC COMPANY
	HAIT, JAMES M.
STEIGER, ALBERT E., JR.	
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	
	BANKERS TRUST NEW YORK CORP
	MCCULLOUGH, DONALD F.
	COLUMBIA GAS SYSTEM
	LAIRD, W. FREDERICK
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, MAURICE
SWITZER, DONALD C.	
CONNECTICUT LIGHT & POWER CO.	
HARTFORD ELECTRIC LIGHT CO.	CHARTER NEW YORK CORP.
	SILLIN, LELAN F., JR.
MAINE YANKEE ATOMIC POWER CO.	
WECHSLER, ALFRED F.	

COMPANY LISTING WITH SECONDARY INTERLOCK TRPM DIRECTOR
FOR NORTHWEST AIRLINES, INC.

BINGER, JAMES H.

CHASE MANHATTAN CORP.

AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM P.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
LILLEY, ROBERT D.
EQUITABLE LIFE ASSURANCE
EKLUND, C. G.
EYXON CORPORATION
HAUFFMAN, HOWARD C.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
GENERAL MOTORS CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
INTERNATIONAL BUSINESS MACHINES CORP.
HARRIS, PATRICIA R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
SEARS, ROEBUCK AND CO.

HONEYWELL, INC.

PACE, NORMA T.
STANDARD OIL COMPANY OF INDIANA
SWEARINGEN, JOHN E.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
FIRST BANK SYSTEM, INC.
NYROP, DONALD W.
SPANGLE, CLARENCE W.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
FIRST NATIONAL BOSTON CORP.
CHAPPIE, ROBERT A.
NORTHWEST BANK CORPORATION
SPOOR, WILLIAM E.
KROGER COMPANY, THE
DAVIS, JACOB E.

KODICOR, INC.

MINNESOTA MINING & MANUFACTURING CO.

CATERPILLAR TRACTOR COMPANY
MORGAN, LEE L.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
FIRST CHICAGO CORPORATION
MORGAN, LEE L.
UNITED STATES STEEL CORPORATION
HERZOG, RAYMOND H.

NORTHWESTERN BELL TELEPHONE CO.

FIRST BANK SYSTEM, INC.
NYROP, DONALD W.
NORTHWEST BANK CORPORATION
PILLSBURY, JOHN S., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
MCFARLAND, JAMES P.

CASE, HADLEY

FELMONT OIL CORP.

NASHUA CORP.

NUMAC OIL & GAS LTD.

HERZOG, RAYMOND H.

FIRST BANK SYSTEM, INC.

BURLINGTON NORTHERN, INC.
MENY, LOUIS W.
NASON, PHILIP H.
FIRST CHICAGO CORPORATION
MENY, LOUIS W.
INTERNATIONAL HARVESTER COMPANY
MENY, LOUIS W.

MINNESOTA MINING & MANUFACTURING CO.

CATERPILLAR TRACTOR COMPANY
MORGAN, LEE L.
CHASE MANHATTAN CORP.
BINGER, JAMES H.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
FIRST CHICAGO CORPORATION
MORGAN, LEE L.

UNITED STATES STEEL CORPORATION

AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEEPS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHWEST AIRLINES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
GENERAL MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
FCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
GENERAL TELEPHONE AND ELECTRONICS CORP.
WALTER, JAMES W.

WALTER, JIM, CORP.

LAIRD, M. R.
CHICAGO PNEUMATEC TOOL CO.
COMMUNICATIONS SATELLITE CORP.

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
PLACE, JOHN B. M.
PHILADELPHIA ELECTRIC COMPANY
HAGERTY, WILLIAM W.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON

IDS BOND FUND, INC.
IDS PROGRESSIVE FUND, INC.
INVESTORS ACCUMULATION PLAN
INVESTORS MUTUAL, INC.
INVESTORS STOCK FUND, INC.
METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF NORTHWEST AIRLINES, INC.

	MORGAN, J. P., AND CO., INC.
	HOUGHTON, J. R.
	PACIFIC GAS AND ELECTRIC COMPANY
	SOLOMON, EMMETT G.
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
	RCA CORP.
	SMILEY, DONALD B.
	UAL, INC.
	LUCE, CHARLES F.
	UNION CARBIDE CORPORATION
	MASON, BIRNEY, JR.
	SNEATH, WILLIAM S.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
PHILLIPS PETROLEUM COMPANY	
PUPULATOR INC.	
READER'S DIGEST	
LAND, JAMES N., JR.	
FIRST BOSTON CORP.	
KAISER INDUSTRIES CORP.	BANKAMERICA CORPORATION
	KAISER, EDGAR F.
MARATHON OIL CO.	
LAPENSKY, M. JOSEPH	
MACKEY, MALCOLM S.	
APACHE CORP.	
MCNEELEY, DONALD G.	
NORTHWEST BANCORPORATION	BURLINGTON NORTHERN, INC.
	DOWNING, ROBERT W.
	INTERNATIONAL HARVESTER COMPANY
	SPENCER, EDSON W.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BEMIS, JUDSON
	TENNECO, INC.
	HANCOCK, THOMAS
NYROP, DONALD W.	
FIRST BANK SYSTEM, INC.	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	NASON, PHILIP H.
	FIRST CHICAGO CORPORATION
	MENK, LOUIS W.
	INTERNATIONAL HARVESTER COMPANY
	MENK, LOUIS W.
	UNITED STATES STEEL CORPORATION
	HERZOG, RAYMOND H.
GOULD, INC.	CONSUMERS POWER COMPANY
	COLE, EDWARD N.
	CONTINENTAL ILLINOIS CORPORATION
	POTTER, KEITH R.
	FIRST CHARTER FINANCIAL CORP.
	HANSBERGER, ROBERT V.
	INTERNATIONAL HARVESTER COMPANY
	POTTER, KEITH R.
HONEYWELL, INC.	ATLANTIC RICHFIELD COMPANY
	INGERSOLL, ROBERT S.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	CHASE MANHATTAN CORP.
	BINGER, JAMES H.
	FIRST BANK SYSTEM, INC.
	SPANGLE, CLARENCE W.
	FIRST CHICAGO CORPORATION
	INGERSOLL, ROBERT S.
	FIRST NATIONAL BOSTON CORP.
	CHARPIE, ROBERT A.
	NORTHWEST BANCORPORATION
	SPOOR, WILLIAM H.
MINNESOTA MUTUAL LIFE INS. CO.	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	FIRST CHICAGO CORPORATION
	MENK, LOUIS W.
	INTERNATIONAL HARVESTER COMPANY
	MENK, LOUIS W.
NORTHWESTERN BELL TELEPHONE CO.	
	CHASE MANHATTAN CORP.
	BINGER, JAMES H.
	NORTHWEST BANCORPORATION
	PILLSBURY, JOHN S., JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	MCFARLAND, JAMES P.
WAKEFIELD, LYMAN E., JR.	
AMERICAN LINEN SUPPLY CO.	
GOULD, INC.	CONSUMERS POWER COMPANY
	COLE, EDWARD N.
	CONTINENTAL ILLINOIS CORPORATION
	POTTER, KEITH R.
	FIRST BANK SYSTEM, INC.
	NYROP, DONALD W.
	FIRST CHARTER FINANCIAL CORP.
	HANSBERGER, ROBERT V.
	INTERNATIONAL HARVESTER COMPANY
	POTTER, KEITH R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOF NORTHWEST AIRLINES, INC.
 KODICOR, INC. CHASE MANHATTAN CORP.
 BINGER, JAMES H.
 KROGER COMPANY, THE
 DAVIS, JACOB E.
 RESOURCE TRUST CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHWEST BANCORPORATION

ATWATER, H. BEWSTER, JR.
BEMIS, JUDSON
BEMIS CO., INC.
BONAR & BEMIS, LTD.
CONTROL DATA CORP.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

EASTERN AIRLINES, INC.
SCHRIEVER, BERNARD ADOLPH

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
CONSUMERS POWER COMPANY
AYMOND, A. H.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
KRESGE, S. S., COMPANY
AYMOND, A. H.
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
NATIONAL DETROIT CORPORATION
AYMOND, A. H.

CHRISTENSEN, DAVID A.
FALCON PLASTICS, INC.
NORTHERN STATES POWER CO.
NORTHWESTERN NATIONAL BANK OF SIOUX FALLS, S. D.
RAVEN INDUSTRIES, INC.

CHRISTIANSON, ROBERT J.
CORRIGAN, FREDERIC H.
ATWOOD LARSON CO.
NORTHWESTERN NATL BANK OF MINN.
PEAVEY CO.

CONTINENTAL ILLINOIS CORPORATION
QUINN, WILLIAM J.

CURRAN, D. MICHAEL
CURRAN OIL CO.
GREAT FALLS GAS CO.
MICHAEL CURRAN & ASSOCIATES
NORTHWESTERN NATL BANK OF GREAT FALLS

DOWNING, ROBERT W.
BURLINGTON NORTHERN, INC.

EQUITABLE LIFE ASSURANCE
HENDRICKSON, ROBERT M.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
NASON, PHILIP H.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
MORGAN, J. P., AND CO., INC.
DAVISON, DANIEL P.
NEW YORK LIFE INSURANCE COMPANY
BUDD, J. M.

GRIFFIN, JOHN E.
HANCOCK, THOMAS
EMPLOYERS LIFE INSURANCE CO OF WAUSAU
EMPLOYERS MUTUAL LIABILITY INSURANCE OF WIS.
ILLINOIS EMPLOYERS INSURANCE OF WAUSAU
TENNECO, INC.

SOUTHERN PACIFIC COMPANY
BIAGGINI, B. F.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
MESSINGER, W. C.

TRANE CO.

WAUSAU LIFE INSURANCE CO.

HARRIS, PHILIP B.
HODDER, WILLIAM A.
SCIENTIFIC COMPUTERS, INC.
TENNANT COMPANY
HOWE, GEORGE C., JR.
LASKIN, SYLVESTER
MACALLISTER, JACK A.
MCHUGH, JOHN A.
UNIVERSAL MANUFACTURING CO
MCNEELEY, DONALD G.
NORTHWEST AIRLINES, INC.

CHASE MANHATTAN CORP.
BINGER, JAMES H.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
NYROP, DONALD W.
METROPOLITAN LIFE INSURANCE COMPANY
LAIRD, M. R.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
UNITED STATES STEEL CORPORATION
HERZOG, RAYMOND H.

MILLER, WILBUR C.
MORRISON, JOHN W.
GENERAL MILLS, INC.

BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
PARKER, PAUL H.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
GENERAL MOTORS CORP.
TERRELL, RICHARD L.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
PRUDENTIAL INSURANCE CO. OF AMERICA

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHWEST BANCORPORATION

WAYNE-GOSSARD CORP.	MCFARLAND, JAMES P.
NURNBERGER, THOMAS S., JR.	AETNA LIFE AND CASUALTY COMPANY
NORTHERN NATURAL GAS CO.	GROVE, DAVID
PILLSBURY, JOHN S., JR.	AMERICAN EXPRESS COMPANY
BOISE CASCADE CORP.	RAMINSKY, LOUIS
	CROCKER NATIONAL CORPORATION
	MORTON, WILLIAM H.
NORTHWESTERN BELL TELEPHONE CO.	CHASE MANHATTAN CORP.
	BINGER, JAMES H.
	FIRST BANK SYSTEM, INC.
	NYROP, DONALD W.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	NYROP, DONALD W.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	MCFARLAND, JAMES P.
NORTHWESTERN NATIONAL LIFE INS. CO.	CONTINENTAL ILLINOIS CORPORATION
PILLSBURY CO.	PERKINS, JOHN H.
RAUENHORST, GERALD	
RUTLEDGE, HENRY T.	
MCQUAY PERFEK INC.	
SHEPIDAN, HARRIET W.	
SPENCER, EDSON W.	
INTERNATIONAL HARVESTER COMPANY	BANKAMERICA CORPORATION
	BRIMMER, ANDREW F.
	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	COMMONWEALTH EDISON
	MCCORMICK, BROOKS
	CONTINENTAL ILLINOIS CORPORATION
	ANDERSON, ROGER E.
	POTTER, KEITH R.
	DUPONT, E. I., DE NEMOURS AND CO.
	BRIMMER, ANDREW F.
	EASTMAN KODAK COMPANY
	ANDERSON, ROGER E.
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	FIRST CHICAGO CORPORATION
	MCCORMICK, BROOKS
	MENK, LOUIS W.
	SANTA FE INDUSTRIES, INC.
	RATTALIATA, JOHN T.
	UAL, INC.
	BRIMMER, ANDREW F.
	WESTERN ELECTRIC CO., INC.
	RATTALIATA, JOHN T.
SPOOR, WILLIAM H.	BURLINGTON NORTHERN, INC.
DAYTON-HUDSON CORP.	DAYTON, DONALD C.
	NASON, PHILIP H.
	DETROIT EDISON COMPANY
	HUDSON, JOSEPH L., JR.
	FIRST BANK SYSTEM, INC.
	NASON, PHILIP H.
	GENERAL MOTORS CORP.
	KEHRL, HOWARD H.
	NATIONAL DETROIT CORPORATION
	HUDSON, JOSEPH L., JR.
HONEYWELL, INC.	ATLANTIC RICHFIELD COMPANY
	INGERSOLL, ROBERT S.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	CHASE MANHATTAN CORP.
	BINGER, JAMES H.
	FIRST BANK SYSTEM, INC.
	NYROP, DONALD W.
	SPANGLE, CLARENCE W.
	FIRST CHICAGO CORPORATION
	INGERSOLL, ROBERT S.
	FIRST NATIONAL BOSTON CORP.
	CHAPPIE, ROBERT A.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	NYROP, DONALD W.
PILLSBURY CO.	CONTINENTAL ILLINOIS CORPORATION
VAUGHAN, RICHARD H.	PERKINS, JOHN H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHWESTERN MUTUAL LIFE INSURANCE CO

AYMOND, A. H.

CONSUMERS POWER COMPANY

KELLOGG CO.

KRESGE, S. S., COMPANY

NATIONAL DETROIT CORPORATION

BARROWS, R. B.

WESTERN PUBLISHING CO.
WISCONSIN ELECTRIC POWER CO.

BEMIS, JUDSON

BEMIS CO., INC.
BONAR & BEMIS, LTD.
CONTROL DATA CORP.

NORTHWEST BANCORPORATION

BROOKFIELD, DUTTON

AMERICAN CAN COMPANY

BUTLER, A. L., JR.

ARISTA CO.
HAYES ALBION CORP.

NORTHWESTERN MUTUAL LIFE INS. CO.

REYNOLDS, R. J., INDUSTRIES, INC.

BANKERS TRUST NEW YORK CORP

HANNON, JOHN W., JR.

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

KRESGE, S. S., COMPANY

GRIFFITHS, MARTHA W.

NATIONAL DETROIT CORPORATION

GRIFFITHS, MARTHA W.

MCKONE, DON T.

AMERICAN ELECTRIC POWER COMPANY, INC.

ZWIENER, KENNETH V.

CONSUMERS POWER COMPANY

ROLL, LYLE C.

PHILLIPS PETROLEUM COMPANY

WHAFTON, DOLORES D.

SANTA FE INDUSTRIES, INC.

ZWIENER, KENNETH V.

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

CONSUMERS POWER COMPANY

GRIFFITHS, MARTHA W.

DETROIT EDISON COMPANY

HARPER, DAVID B.

NATIONAL DETROIT CORPORATION

BODMAN, HENRY T.

CUNNINGHAM, HARRY B.

GRIFFITHS, MARTHA W.

AMERICAN AIR LINES, INC.

FISCHER, CHARLES T., III

CHRYSLER CORPORATION

GRIFFITHS, MARTHA W.

SEMPLE, ROBERT B.

CONSUMERS POWER COMPANY

GRIFFITHS, MARTHA W.

MCKONE, DON T.

DETROIT EDISON COMPANY

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

HAMANN, JOHN R.

HUDSON, JOSEPH L., JR.

GENERAL MOTORS CORP.

FISCHER, CHARLES T., III

GERSTENBERG, RICHARD C.

KRESGE, S. S., COMPANY

BODMAN, HENRY T.

CUNNINGHAM, HARRY B.

GRIFFITHS, MARTHA W.

EASTERN AIRLINES, INC.

SCHRIEVER, BERNARD ADOLPH

BURLINGTON NORTHERN, INC.

DOWNING, ROBERT W.

INTERNATIONAL HARVESTER COMPANY

SPENCE, EDSON W.

NORTHWEST AIRLINES, INC.

MCNEELEY, DONALD G.

TENNECO, INC.

HANCOCK, THOMAS

AMERICAN EXPRESS COMPANY

ETHERINGTON, EDWIN D.

WALLACE, MARTHA REDFIELD

BANKERS TRUST NEW YORK CORP

MAY, WILLIAM F.

MOORE, WILLIAM H.

CHEMICAL NEW YORK CORPORATION

WALLACE, MARTHA REDFIELD

CONNECTICUT GENERAL LIFE INSURANCE COMPANY

ETHERINGTON, EDWIN D.

FEDERATED DEPARTMENT STORES, INC.

LACHMAN, LAWRENCE

INTERNATIONAL BUSINESS MACHINES CORP.

MOORE, WILLIAM H.

SEARS, ROEBUCK AND CO.

TELLING, EDWARD R.

CONSUMERS POWER COMPANY

MCKONE, DON T.

NATIONAL DETROIT CORPORATION

MCKONE, DON T.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DAVIS, ARCHIE F.

CHASE MANHATTAN CORP.

MACOMBER, JOHN D.

MYERS, CHARLES F., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHWESTERN MUTUAL LIFE INSURANCE CO

	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	FEDERATED DEPARTMENT STORES, INC.
	LINGLE, WALTER L., JR.
	PENNEY, J. C., CO., INC.
	KREPS, JUANITA M.
	SOUTHERN RAILWAY COMPANY
	DAVIS, ARCHIE K.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
	WESTERN ELECTRIC CO., INC.
	KREPS, JUANITA M.
SOUTHERN BROADCASTING CO.	
STANDARD SAVINGS & LOAN ASSN.	KRESGE, S. S., COMPANY
	BALDWIN, WILLIAM H.
U. S. FILTER CORP.	
WACHOVIA CORP.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	CHASE MANHATTAN CORP.
	MYERS, CHARLES F., JR.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	WATLINGTON, J. E. JR.
	SOUTHERN RAILWAY COMPANY
	DAVIS, ARCHIE K.
	UNION CARBIDE CORPORATION
	JONES, HORACE C.
	UNITED STATES STEEL CORPORATION
	MYERS, CHARLES F., JR.
BYROM, FLETCHER L.	
ADELA INVESTMENT CO.	
ASARCO	
CONTINENTAL GROUP, INC.	
	CITICORP
	HATFIELD, ROBERT S.
	SEIBERT, DONALD VINCENT
	EASTMAN KODAK COMPANY
	HATFIELD, ROBERT S.
	GENERAL ELECTRIC COMPANY
	PARKER, JACK S.
	GENERAL MOTORS CORP.
	HATFIELD, ROBERT S.
	GENERAL PUBLIC UTILITIES CORP.
	HAYFORD, WARREN J.
	GOODYEAR TIRE AND RUBBER COMPANY
	DEYOUNG, RUSSELL
	HAZARD, ELLISON L.
	SMITH, LLOYD B.
	MANUFACTURERS HANOVER CORPORATION
	LYET, J. PAUL
	NORTHEAST UTILITIES
	BENSON, LUCY WILSON
	PENNEY, J. C., CO., INC.
	SEIBERT, DONALD VINCENT
	SOUTHERN PACIFIC COMPANY
	HAZARD, ELLISON L.
KOPPERS CO., INC.	
	CITICORP
	OELMAN, ROBERT S.
	FORD MOTOR CO.
	OELMAN, ROBERT S.
	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	MELLON NATIONAL CORPORATION
	JONES, CURTIS E.
	PEARSON, NATHAN W.
	MISSOURI PACIFIC CORPORATION
	GRYMES, DOUGLASS
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
MELLON NATIONAL CORPORATION	
	EQUITABLE LIFE ASSURANCE
	FISHER, A. W.
	GENERAL MOTORS CORP.
	MAYER, JOHN A.
	GOODYEAR TIRE AND RUBBER COMPANY
	HARPER, JOHN DICKESON
	GULF OIL CORPORATION
	HIGGINS, JAMES H.
	PEARSON, NATHAN W.
	METROPOLITAN LIFE INSURANCE COMPANY
	HARPER, JOHN DICKESON
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
	UNITED STATES STEEL CORPORATION
	GOTT, EDWIN H.
	WESTINGHOUSE ELECTRIC CORPORATION
	BURNHAM, DONALD C.
NORTH AMERICAN PHILLIPS CORP.	
	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	CHAPMAN, FRANK
	METROPOLITAN LIFE INSURANCE COMPANY
	MASON, BIRNEY, JR.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHWESTERN MUTUAL LIFE INSURANCE CO

RALSTON PURINA CORP.

UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
BANKAMERICA CORPORATION
LEWIS, DAVID SLOAN, JR.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
GULF OIL CORPORATION
DEAN, R. HAL
SINGER, EDWIN
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
MORGAN, J. P., AND CO., INC.
SHAPLEIGH, WARREN M.
RCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

CLEARY, CATHERINE B.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
EXXON CORPORATION
PETERSON, MARTHA E.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
DEBUTTS, JOHN D.

FIRST WISCONSIN CORP.

GENERAL MOTORS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHWESTERN MUTUAL LIFE INSURANCE CO

HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.

KOHLER CO.
KRAFTCO CORP.

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

DINEEN, R. E.
WISCONSIN GAS CO.
FALK, H. F.
MARSHALL ILSLEY CORP.
WISCONSIN ELECTRIC POWER CO.
FERGUSON, FRANCIS E.
CUTLER-HAMMER, INC.

CITICORP
SMITH, DARWIN E.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
INTERNATIONAL HARVESTER COMPANY
HANSEN, ARTHUR GENE
SOUTHERN COMPANY
PATILLO, HOOPER GORDON

BANKAMERICA CORPORATION
LEWIS, DAVID SLOAN, JR.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
GULF OIL CORPORATION
DEAN, R. HAL
SINGER, EDWIN
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
MORGAN, J. P., AND CO., INC.
SHAPLEIGH, WARREN M.
RCA CORP.

MAYER OSCAR & CO., INC.
RALSTON PURINA CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF NORTHWESTERN MUTUAL LIFE INSURANCE CO

SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

WISCONSIN GAS CO.
FITZGERALD, EDMUND B.
KIMBERLY-CLARK CORP.

KOPPERS CO., INC.

CITICORP
SMITH, DARWIN E.
CITICORP
OELMAN, ROBERT S.
FORD MOTOR CO.
OELMAN, ROBERT S.
GULF OIL CORPORATION
PEARSON, NATHAN W.
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
JONES, CURTIS E.
PEARSON, NATHAN W.
MISSOURI PACIFIC CORPORATION
GPMES, DOUGLASS
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.

OUTBOARD MARINE CORP.
SNAP ON TOOLS CORP.
FLAVIN, J. B.
SINGER CO.

CROCKER NATIONAL CORPORATION
MORTON, WILLIAM H.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
METROPOLITAN LIFE INSURANCE COMPANY
FITZHUGH, GILBERT W.
KIRCHER, D. F.

GELATT, C. D.
HARRISON, H. STUART
CLEVELAND CLIFFS IRON CO.

CHEMICAL NEW YORK CORPORATION
RENCHARD, WILLIAM S.
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
GULF OIL CORPORATION
BEEGHLY, CHARLES M.
NEW YORK LIFE INSURANCE COMPANY
RENCHARD, WILLIAM S.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH

REPUBLIC STEEL CORP.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
KEESE, THOMAS W., JR.

HOLTON, RICHARD HENRY
DYMO INDUSTRIES INC.

JAHN, W. A.
KURTH, H. C.
MARSHALL ILSLEY CORP.
WAGNER, E. R., MANUFACTURING CO.
MAYEE, O. G.
MESSINGER, W. C.
TRANE CO.

NORTHWEST BANCORPORATION
HANCOCK, THOMAS
TENNECO, INC.
HANCOCK, THOMAS

WISCONSIN GAS CO.
MOORE, H. C.
OHLENDORF, H. F.
RISK, J. FRED
COSCO INC.

PROGER COMPANY, THE
RUNYAN, WILLIAM PARKER

RANSBURG ELECTRO COATING CORP.
STEAK N SHAKE INC.
ROPER, WALTER J.
ATHLONE INDUSTRIES INC.
SCHUSTER, GERALD S.
CONTINENTAL WINGATE CO. INC.
KAHLER CORP.

BURLINGTON NORTHERN, INC.
PARKER, PAUL H.

SMITH, E. G.
ALBERT TROSTEL AND SONS CO.
BADGER METER, INC.
FIRST WISCONSIN CORP.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
EXXON CORPORATION
PETERSON, MARTHA E.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.

JOSEPH SCHLITZ BREWING CO.
WESTERN PUBLISHING CO.
WISCONSIN GAS CO.
SMITH, HAROLD BYRON, JR.
MARSHALL FIELD & CO.

BURLINGTON NORTHERN, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR NORTHWESTERN MUTUAL LIFE INSURANCE CO

BUDD, J. M.
COMMONWEALTH EDISON
ALLARD, JEAN
DICK, ALBERT BLAKE, III
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
NEW YORK LIFE INSURANCE COMPANY
BUDD, J. M.
STANDARD OIL COMPANY OF INDIANA
BURNHAM, JOSEPH A.
WESTINGHOUSE ELECTRIC CORPORATION
BERCHER, HARRY O.

SKIL COPP.
STEVENSON, ROBERT S.
ALLIS-CHALMERS CORP.

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
TRAVELERS INSURANCE COMPANY
SCOTT, DAVID C.
WILKINS, ROGER C.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
CHICAGO MILWAUKEE CORPORATION CHARTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
CONTINENTAL ILLINOIS CORPORATION
KARNES, WILLIAM G.
QUINN, WILLIAM J.

CHICAGO, MILWAUKEE, ST PAUL & PAC RR
CHARTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
CONTINENTAL ILLINOIS CORPORATION
KARNES, WILLIAM G.
QUINN, WILLIAM J.

UOP, INC.

BANKERS TRUST NEW YORK CORP
LENON, RICHARD A.
CONTINENTAL ILLINOIS CORPORATION
QUINN, WILLIAM J.

TEMPLIN, R. E.
UIHLEIN, R. A. , JR.
GATEWAY TRANSPORTATION CO., INC.
SCHLITZ, JOSEPH, BREWING COMPANY
WESTERN ELECTRIC POWER CO.
WISCONSIN ELECTRIC POWER CO.
WILSON, J. H., JR.
WRIGHT, J. O.
BADGER METER, INC.
BUCYRUS ERIE COMPANY
CUTLER-HAMMER, INC.

LITTON INDUSTRIES, INC.

MARSHALL ILSLEY CORP.
WALLACE MURRAY CORP.

CITICORP
SMITH, DARWIN E.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
INTERNATIONAL HARVESTER COMPANY
HANSEN, ARTHUR GENE
SOUTHERN COMPANY
PATILLO, HOOPER GORDON
AHMANSON, H. F., AND COMPANY
TOPPING, NORMAN
PACIFIC GAS AND ELECTRIC COMPANY
COOK, RANSOM M.
SECURITY PACIFIC CORP.
MCDANIEL, GLEN
TRANS WORLD AIRLINES, INC.
THORTON, CHARLES B.
WESTERN BANCORPORATION
THORTON, CHARLES B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
WISCONSIN GAS CO.

BAIRD, JOSEPH E.
CANADIAN OCCIDENTAL PETROLEUM, LTD.
LLOYDS OF LONDON
CALVERLY, ROBERT J.
CANADIAN OCCIDENTAL PETROLEUM, LTD.
FOSTER, JOHN GALWAY
KEYSTONE INVESTMENT CO.

GATES, A. P.
BEKER INDUSTRIES COOP.

GORE, ALBERT
GROMAN, ARTHUR
HAMMER, ARMAND
HEBNER, PAUL C.
JACOBY, NEIL H.
KRIN, ARTHUR B.

TRANSAMERICA CORPORATION

MOSS, MORRIE A.
STEWART, SAMUEL BRADFORD
AMP CO FOODS, INC.
BANKAMERICA CORPORATION

WELLS FARGO AND COMPANY
LANIGAR, MARY E.

CHRYSLER CORPORATION
HALABY, NAJEEB E.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
PACIFIC GAS AND ELECTRIC COMPANY
WENTE, KARL L.
PAN AMERICAN WORLD AIRWAYS, INC.
DILLINGHAM, LOWELL S.
SOUTHERN CALIFORNIA EDISON COMPANY
MCDANIEL, THOMAS M., JR.
STANDARD OIL COMPANY OF CALIFORNIA
GRAY, JOHN P.
UAL, INC.
BRIMMER, ANDREW F.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

LONGS DRUG STORES INC.
MACY'S CALIFORNIA
VAIL, HERMAN I.
ISLAND CREEK COAL CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PACIFIC GAS AND ELECTRIC COMPANY

BONNER, JOHN F.

DEL MONTE CORP.

PACIFIC GAS TRANSMISSION CO.
POTLATCH CORPORATION

COOK, RANSOM M.
LITTON INDUSTRIES, INC.

SYSTRON DONNER CORP.
COOLEY, RICHARD P.
HOWNET TURBINE COMPONENTS CORP.
UAL, INC.

WELLS FARGO AND COMPANY

DAHL, C. RAYMOND
CROWN ZELLERBACH CORP.

DE BRETTEVILLE, CHARLES
AMFAC, INC.

BANCAL TRI STATE CORP.

BANK OF CALIFORNIA
SAFEGWAY STORES, INC.

SHELL OIL COMPANY

TRI-STATE CORP.
EAMES, ALFRED W.
BANCAL TRI STATE CORP.

CITICORP
PALMER, EDWARD LEWIS
CROCKER NATIONAL CORPORATION
LANDIS, RICHARD G.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS

CROCKER NATIONAL CORPORATION
LANDIS, RICHARD G.

AHMANSON, H. F., AND COMPANY
TOPPING, NORMAN
NORTHWESTERN MUTUAL LIFE INSURANCE CO
WRIGHT, J. O.
SECURITY PACIFIC CORP.
MCDANIEL, GLEN
TRANS WORLD AIRLINES, INC.
THORTON, CHARLES B.
WESTERN BANCORPORATION
THORTON, CHARLES B.

BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CONTINENTAL OIL COMPANY
NORSTAD, LAURIS
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
FORD MOTOR CO.
MILLER, ARJAY
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
SAFEGWAY STORES, INC.
ARBUCKLE, ERNEST C.
LAPHAM, ROGER D., JR.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
TRANSAMERICA CORPORATION
LANIGAR, MARY E.

BURLINGTON NORTHERN, INC.
HENDRICKSON, ROBERT M.
CONSOLIDATED EDISON CO OF NEW YORK
MUMFORD, MILTON C.
EQUITABLE LIFE ASSURANCE
HENDRICKSON, ROBERT M.
MUMFORD, MILTON C.
UNION PACIFIC CORPORATION
ROTH, ROBERT W.
WESTERN BANCORPORATION
ROTH, ROBERT W.

MIDDLE SOUTH UTILITIES, INC.
MERRILL, FRED H.
WELLS FARGO AND COMPANY
NEWMAN, ELLEN MAGNIN
CONSOLIDATED FREIGHTWAYS, INC.
HILL, PHILIP S.
FORD MOTOR CO.
TAYLOR, A. THOMAS
SAFEGWAY STORES, INC.
MITCHELL, W. S.
CONSOLIDATED FREIGHTWAYS, INC.
HILL, PHILIP S.
CONSOLIDATED FREIGHTWAYS, INC.
YOUNG, W. MAURICE
GENERAL ELECTRIC COMPANY
BOSWELL, JAMES G., II
SECURITY PACIFIC CORP.
BOSWELL, JAMES G., II
SOUTHERN PACIFIC COMPANY
MAGOWAN, ROBERT A.
WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.
LAPHAM, ROGER D., JR.
CATERPILLAR TRACTOR COMPANY
BLACKIE, WILLIAM
CHAPTER NEW YORK CORP.
BOOKOUT, JOHN F.

CONSOLIDATED FREIGHTWAYS, INC.
HILL, PHILIP S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PACIFIC GAS AND ELECTRIC COMPANY

	FORD MOTOR CO.
	TAYLOR, A. THOMAS
	SAFEWAY STORES, INC.
	DE BRETTEVILLE, CHARLES
	MITCHELL, W. S.
	SHELL OIL COMPANY
	DE BRETTEVILLE, CHARLES
BANK OF CALIFORNIA	CONSOLIDATED FREIGHTWAYS, INC.
	HILL, PHILIP S.
	SAFEWAY STORES, INC.
	DE BRETTEVILLE, CHARLES
	SHELL OIL COMPANY
	DE BRETTEVILLE, CHARLES
DEL MONTE CORP.	CITICORP
	PALMER, EDWARD LEWIS
	CROCKER NATIONAL CORPORATION
	LANDIS, RICHARD G.
	UNION PACIFIC CORPORATION
	PALMER, EDWARD LEWIS
FIREMAN'S FUND INSURANCE CO.	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	DUBAIN, MYRON
	LOEBBECKE, ERNEST J.
	ROBINSON, JAMES D., III
	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	UNION PACIFIC CORPORATION
	ROBINSON, JAMES D., III
GERDES, ROBERT H.	
ALBERTA NAT. GAS CO.	
FIREMAN'S FUND INSURANCE CO.	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	DUBAIN, MYRON
	LOEBBECKE, ERNEST J.
	ROBINSON, JAMES D., III
	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	UNION PACIFIC CORPORATION
	ROBINSON, JAMES D., III
PACIFIC GAS TRANSMISSION CO.	
HAAS, WALTER A.	
LEVI STRAUSS & CO.	
HAIT, JAMES M.	
GEORGIA-PACIFIC CORP.	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	WATLINGTON, J. E. JR.
	SOUTHERN RAILWAY COMPANY
	MCNAIR, ROBERT E.
	AMERICAN ELECTRIC POWER COMPANY, INC.
	FOLSOM, RICHARD G.
	GAVIN, JAMES M.
	CHARTER NEW YORK CORP.
	SILLIN, LELAN F., JR.
	FIRST NATIONAL BOSTON CORP.
	BLEICKEN, GERHARD D.
	WILLIAMS, BEN AMES, JR.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BLEICKEN, GERHARD D.
	GAVIN, JAMES M.
	NORTHEAST UTILITIES
	SILLIN, LELAN F., JR.
HASS, WALTER A.	
LEVI STRAUSS & CO.	
PACIFIC TELEPHONE & TELEGRAPH CO.	ATLANTIC RICHFIELD COMPANY
	HAWLEY, PHILLIP M.
	BANKAMERICA CORPORATION
	DI GIORGIO, ROBERT
	CROCKER NATIONAL CORPORATION
	HULL, JEROME W.
	SMITH, WILLIAM FRENCH
	SOLOMON, EMMETT G.
	METROPOLITAN LIFE INSURANCE COMPANY
	SOLOMON, EMMETT G.
	NEW YORK LIFE INSURANCE COMPANY
	HULL, JEROME W.
	SECURITY PACIFIC CORP.
	DUCCOMUN, CHARLES F.
	SOUTHERN CALIFORNIA EDISON COMPANY
	HALE, STANTON G.
	UNION OIL COMPANY OF CALIFORNIA
	DI GIORGIO, ROBERT
LEONARD, DORIS F.	
MIELKE, FREDERICK W., JR.	
ALBERTA AND SOUTHERN GAS CO., LTD.	
PACIFIC GAS TRANSMISSION CO.	
MILLER, RICHARD K.	
SOUTHERN PACIFIC COMPANY	CITICORP
	HANLEY, JAMES W.
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PACIFIC GAS AND ELECTRIC COMPANY

GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
MUNROE, GEORGE B.
NEW YORK LIFE INSURANCE COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
SAFEWAY STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

PETERS, LEON S.
AMETEK, INC.
VALLEY FOUNDRY & MACHINE WORKS
PETERSON, RICHARD H.
SESNON, PORTER
PORTER ESTATE COMPANY
SOLOMON, EMMETT G.
ALMADEN VINEYARDS INC.

COLOROX COMPANY

CROCKER NATIONAL CORPORATION

FIBREBOARD CORPORATION
METROPOLITAN LIFE INSURANCE COMPANY

CONTINENTAL CORPORATION, THE
BELL, DRUMMOND C.
WELLS FARGO AND COMPANY
PHLEGER, ATHERTON M.
CROCKER NATIONAL CORPORATION
SHETTERLY, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HULL, JEROME W.
SEARS, ROEBUCK AND CO.
LOWE, JOHN G.

AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
RCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

PACIFIC TELEPHONE & TELEGRAPH CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PACIFIC GAS AND ELECTRIC COMPANY

	ATLANTIC RICHFIELD COMPANY
	HAWLEY, PHILLIP M.
	BANKAMERICA CORPORATION
	DI GIORGIO, ROBERT
	CROCKER NATIONAL CORPORATION
	HULL, JEROME W.
	SMITH, WILLIAM FRENCH
	NEW YORK LIFE INSURANCE COMPANY
	HULL, JEROME W.
	SECURITY PACIFIC CORP.
	DUCCOMMUN, CHARLES F.
	SOUTHERN CALIFORNIA EDISON COMPANY
	HALE, STANTON G.
	UNION OIL COMPANY OF CALIFORNIA
	DI GIORGIO, ROBERT
WENTE, KARL L.	CHRYSLER CORPORATION
BANKAMERICA CORPORATION	HALABY, NAJEEB E.
	DUPONT, E. I., DE NEMOURS AND CO.
	BRIMMER, ANDREW F.
	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	OCCIDENTAL PETROLEUM CORPORATION
	STEWART, SAMUEL BRADFORD
	PAN AMERICAN WORLD AIRWAYS, INC.
	DILLINGHAM, LOWELL S.
	SOUTHERN CALIFORNIA EDISON COMPANY
	MCDANIEL, THOMAS M., JR.
	STANDARD OIL COMPANY OF CALIFORNIA
	GRAY, JOHN R.
	UAL, INC.
	BRIMMER, ANDREW F.
	UNION OIL COMPANY OF CALIFORNIA
	DI GIORGIO, ROBERT

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.

EQUITABLE LIFE MORTGAGE & REALTY INVESTORS

AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
MANUFACTURERS HANOVER CORPORATION
MACIOCE, THOMAS M.
MCPHERSON, RENE C.

FLOCK INDUSTRIES, INC.
GILLETTE CO.

CITICORP
FOURAKER, LAWRENCE E.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST NATIONAL BOSTON CORP.
MOCKLER, COLMAN M., JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
MOCKLER, COLMAN M., JR.
RCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
CONSOLIDATED FREIGHTWAYS, INC.
HILL, PHILIP S.

HYSTER CO.

LIBERTY MUTUAL FIRE INSURANCE CO.

FEDERATED DEPARTMENT STORES, INC.
KRENSKY, HAROLD
FEDERATED DEPARTMENT STORES, INC.
KRENSKY, HAROLD
FIRST NATIONAL BOSTON CORP.
BRIGHT, WILLARD M.
MASON, AUSTIN B.
MELLON NATIONAL CORPORATION
WILCOCK, JAMES W.

MACON-LAMIER CORP.
NORTHWEST ACCEPTANCE CORP.
NORTHWEST NATURAL GAS CO.

RAYTHEON CO.

WESTERN BANCORPORATION
VOSS, RALPH H.
FIRST NATIONAL BOSTON CORP.
HILL, RICHARD DEVEREUX
HOLMES, D. BRAINERD
MOCKLER, COLMAN M., JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HILL, RICHARD DEVEREUX
JONES, G. B.
MOCKLER, COLMAN M., JR.
PHILLIPS, THOMAS L.
METROPOLITAN LIFE INSURANCE COMPANY
NICKERSON, ALBERT L.
NICKERSON, ALBERT L.

ANDERSON, ROBERT B.
CELANESE CORP.

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CHASE MANHATTAN CORP.
LILLEY, ROBERT D.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.

GOODYEAR TIRE AND RUBBER COMPANY

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DODD, EDWIN D.
MANUFACTURERS HANOVER CORPORATION
PILLIOD, CHARLES JULE, JR.
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
PROCTER AND GAMBLE COMPANY
GEIR, PHILLIP O., JR.
HARPER, JOHN DICKESON
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.
MELLON NATIONAL CORPORATION
ROCKWELL, WILLARD F., JR.
MOBIL CORPORATION
DONNELL, EDWARD S.
SECURITY PACIFIC CORP.

HOSPITAL CORP. OF AMERICA

ROCKWELL INTERNATIONAL CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PAN AMERICAN WORLD AIRWAYS, INC.

LARKIN, FREDERICK G., JR.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
UNION OIL COMPANY OF CALIFORNIA
HARTLEY, FRED L.
WESTERN BANCORPORATION
MUDD, HENRY T.
SECURITY PACIFIC CORP.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
GENERAL ELECTRIC COMPANY
BOSWELL, JAMES G., II
PCA CORP.
BRADSHAW, THORNTON F.
SAFEWAY STORES, INC.
BOSWELL, JAMES G., II
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
SMITH, H. RUSSELL
VON HAGEN, RICHARD R.
UNION PACIFIC CORPORATION
LAWLER, OSCAR T.
COLEMAN, WILLIAM T., JR.
AMAX, INC.
CHRYSLER CORPORATION
HAUGE, GABRIEL
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
INTERNATIONAL BUSINESS MACHINES CORP.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
CATEPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
PEPSICO INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
BRANIFF INTERNATIONAL CORPORATION
LAY, HERMAN W.
STEWART, ROBERT H., III
CHEMICAL NEW YORK CORPORATION
LEARSON, T. VINCENT
CITICORP
GARVIN, CLIFTON C., JR.
DUKE POWER CO
LAY, HERMAN W.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GENERAL MOTORS CORP.
ROCHE, JAMES M.
INTERNATIONAL BUSINESS MACHINES CORP.
LEARSON, T. VINCENT
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
COLUSSY, DAN A.
DILLINGHAM, LOWELL S.
BANK OF HAWAII
BANKAMERICA CORPORATION
WELLS FARGO AND COMPANY
MACNAUGHTON, MALCOLM
CHRYSLER CORPORATION
HALABY, NAJEEB E.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
INTERNATIONAL HARVESTER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PAN AMERICAN WORLD AIRWAYS, INC.

	BRIMMER, ANDREW F.
	OCCIDENTAL PETROLEUM CORPORATION
	STEWART, SAMUEL BRADFORD
	PACIFIC GAS AND ELECTRIC COMPANY
	WENTE, KARL L.
	SOUTHERN CALIFORNIA EDISON COMPANY
	MCDANIEL, THOMAS M., JR.
	STANDARD OIL COMPANY OF CALIFORNIA
	GRAY, JOHN R.
	UAL, INC.
	BRIMMER, ANDREW F.
	UNION OIL COMPANY OF CALIFORNIA
	DI GIORGIO, ROBERT
CYPRUS HAWAIIAN CEMENT CORP.	
DELTEC INTERNATIONAL, LTD.	
	COMMONWEALTH EDISON
	PRINCE, WILLIAM WOOD
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST CHICAGO CORPORATION
	PRINCE, WILLIAM WOOD
	FORD MOTOR CO.
	TAYLOR, A. THOMAS
	BANKAMERICA CORPORATION
	MCDANIEL, THOMAS M., JR.
	SOUTHERN CALIFORNIA EDISON COMPANY
	MCDANIEL, THOMAS M., JR.
DILLINGHAM CORP.	
DILLINGHAM, B. F., CO., LTD.	
HAWAIIAN WESTERN STEEL, LTD.	
LOWELL SUN TIMES	
TIMES MIRROR CO.	
	AMERICAN AIR LINES, INC.
	ASTON, JAMES W.
	CASEY, ALBERT V.
	FORD MOTOR CO.
	MURPHY, FRANKLIN D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BROWN, HAROLD
GATES, JOHN B.	
RUSSELL, BURDSALL & WARD, INC.	
HOGAN, WILLIAM J.	
INTERPUBLIC GROUP OF COMPANIES INC.	
MENASCO MANUFACTURING CO.	
PAGE AIRWAYS, INC.	
RAYTHEON CO.	
	CHARTER NEW YORK CORP.
	JENSEN, ROBERT P.
	CHARTER NEW YORK CORP.
	WILMOT, JAMES P.
	FIRST NATIONAL BOSTON CORP.
	HILL, RICHARD DEVEREUX
	HOLMES, D. BRAINERD
	MOCKLER, COLMAN M., JR.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	HILL, RICHARD DEVEREUX
	JONES, G. B.
	MOCKLER, COLMAN M., JR.
	PHILLIPS, THOMAS L.
	METROPOLITAN LIFE INSURANCE COMPANY
	NICKERSON N, ALBERT L.
	NICKERSON, ALBERT L.
KENDALL, DONALD M.	
ATLANTIC RICHFIELD COMPANY	
	AMERICAN ELECTRIC POWER COMPANY, INC.
	STANTON, FRANK
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	CBS, INC.
	STANTON, FRANK
	CHEMICAL NEW YORK CORPORATION
	PLACE, JOHN B. M.
	FIRST CHICAGO CORPORATION
	ANDERSON, ROBERT O.
	FREEMAN, GAYLORD
	INGERSOLL, ROBERT S.
	METROPOLITAN LIFE INSURANCE COMPANY
	PLACE, JOHN B. M.
	NEW YORK LIFE INSURANCE COMPANY
	STANTON, FRANK
	RCA CORP.
	BRADSHAW, THORNTON F.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
INVESTORS DIVERSIFIED SEMIS MUTUAL FUND GROUP	
PEPSICO INC.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	LINDHOLM, WILLIAM L.
	BRANIFF INTERNATIONAL CORPORATION
	LAY, HERMAN W.
	STEWART, ROBERT H., III
	CHEMICAL NEW YORK CORPORATION
	LEAFSON, T. VINCENT
	CITICORP
	GARVIN, CLIFTON C., JR.
	DUKE POWER CO
	LAY, HERMAN W.
	EXXON CORPORATION
	GARVIN, CLIFTON C., JR.
	GENERAL MOTORS CORP.
	ROCHE, JAMES M.
	INTERNATIONAL BUSINESS MACHINES CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PAN AMERICAN WORLD AIRWAYS, INC.

	COLEMAN, WILLIAM T., JR.
	LEARSON, T. VINCENT
	MANUFACTURERS HANOVER CORPORATION
	LINDHOLM, WILLIAM L.
LEET, JAMES O.	
LINOWITZ, SOL M.	
MARINE MIDLAND BANKS, INC.	AMERICAN AIR LINES, INC.
	SADLER, MARION
	EASTMAN KODAK COMPANY
	ZORNOW, GERALD B.
	GENERAL PUBLIC UTILITIES CORP.
	KUHNS, WILLIAM G.
	RCA CORP.
	PETTY, JOHN ROBERT
	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY
	FREEMAN, GAYLORD
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	CONTINENTAL OIL COMPANY
	PACE, FRANK, JR.
	FIRST CHICAGO CORPORATION
	FREEMAN, GAYLORD
	FORD MOTOR CO.
	HEISKELL, MARIAN S.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WATSON, THOMAS J., JR.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
MALOON, JAMES H.	
	FALCON JET CORP.
	FRANCH, FRED F., INVESTING CO., INC.
	INTERCONTINENTAL HOTELS CORP.
	LIBERIAN DEVELOPMENT CORP.
ROCKEFELLER, JAMES S.	
SEAWELL, WILLIAM T.	
LEHMAN CORP., THE	EQUITABLE LIFE ASSURANCE
	SEILER, LEWS P.
	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	MARINE MIDLAND BANKS, INC.
	PETTY, JOHN ROBERT
	PCA CORP.
	PETTY, JOHN ROBERT
	UNION CARBIDE CORPORATION
	HESTER, JAMES M.
SHEELINE, PAUL C.	
	INTERCONTINENTAL HOTELS CORP.
STANTON, FRANK	
	AMERICAN ELECTRIC POWER COMPANY, INC.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	GAVIN, JAMES M.
	KROGER COMPANY, THE
	BOESCHENSTEIN, WILLIAM W.
	SANTA FE INDUSTRIES, INC.
	ZWIENER, KENNETH V.
ATLANTIC RICHFIELD COMPANY	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	CHEMICAL NEW YORK CORPORATION
	PLACE, JOHN B. M.
	FIRST CHICAGO CORPORATION
	ANDERSON, ROBERT O.
	FREEMAN, GAYLORD
	INGERSOLL, ROBERT S.
	METROPOLITAN LIFE INSURANCE COMPANY
	PLACE, JOHN B. M.
	PCA CORP.
	BRADSHAW, THORNTON F.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
BOOK DIGEST, INC.	
CBS, INC.	CITICORP
	THOMAS, FRANKLIN A.
	EASTERN AIRLINES, INC.
	GILPATRIC, ROSWELL L.
	NEW YORK LIFE INSURANCE COMPANY
	THOMAS, FRANKLIN A.
	UNION PACIFIC CORPORATION
	BROWN, COURTNEY C.
	LOVETT, ROBERT A.
INTERPUBLIC GROUP OF COMPANIES, INC.	
NEW PERSPECTIVE FUND, INC.	
NEW YORK LIFE INSURANCE COMPANY	BURLINGTON NORTHERN, INC.
	BUDD, J. M.
	CBS, INC.
	THOMAS, FRANKLIN A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PAN AMERICAN WORLD AIRWAYS, INC.

CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

OBSERVER, THE, LTD.
TREE, MARIETTA
CBS, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
CITICORP
THOMAS, FRANKLIN A.
EASTERN AIRLINES, INC.
GILPATRIC, ROSWELL L.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
THOMAS, FRANKLIN A.
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
LOVETT, ROBERT A.

WALTRIP, WILLIAM H.
WATSON, THOMAS J., JR.
INTERNATIONAL BUSINESS MACHINES CORP.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
BANKERS TRUST NEW YORK CORP
MOOPE, WILLIAM H.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
TIME, INC.

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
FREEMAN, GAYLORD
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
HEISKELL, MARIAN S.
CONTINENTAL OIL COMPANY
PACE, FRANK, JR.
FIRST CHICAGO CORPORATION
FREEMAN, GAYLORD
FORD MOTOR CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PAN AMERICAN WORLD AIRWAYS, INC.

	HEISKELL, MARIAN S.
	MARINE MIDLAND BANKS, INC.
	LINOWITZ, SOL M.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
WISEP, FORWOOD C., JR.	
BECTION DICKENSON AND COMPANY	PRUDENTIAL INSURANCE CO. OF AMERICA
	DICKINSON, FAIRLEIGH S., JR.
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	VAN FOSSAN, ROBERT V.
BOSTON CO., INC.	CHASE MANHATTAN CORP.
	VERITY, CALVIN WILLIAM, JR.
	CONTINENTAL CORPORATION, THE
	HURLEY, DONALD J.
	FORD MOTOR CO.
	IACOCCA, LEE A.
	INTERNATIONAL BUSINESS MACHINES CORP.
	FOX, JOHN M.
	SEABOARD COAST LINE INDUSTRIES, INC.
	WOLBACH, WILLIAM W.
	SHELL OIL COMPANY
	SPAGHT, MONROE E.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	
	AETNA LIFE AND CASUALTY COMPANY
	TAYLOR, HOBART, JR.
	EQUITABLE LIFE ASSURANCE
	AGEE, WILLIAM M.
	GENERAL ELECTRIC COMPANY
	DANCE, WALKER D.
	GENERAL PUBLIC UTILITIES COOP.
	HAUPTFUHRER, BARBARA BARNES
	GOODYEAR TIRE AND RUBBER COMPANY
	DODD, EDWIN D.
	WESTINGHOUSE ELECTRIC CORPORATION
	TAYLOR, HOBART, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PENN CENTRAL COMPANY
JOHNSON, ARCHIBALD DEB.
TUCKER, FRANCIS J.
TURNER, C. ROGER

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIPECTOR
FOR PENNEY, J. C., CO., INC.

AVNER, LOUIS L.
FRANKLIN FEDERAL SAV. & LOAN ASSN.
FRANKLIN FEDERAL SAVINGS & LOAN ASSN.

AXELSON, KENNETH S.
DISCOUNT CORP. OF NEW YORK

CHRYSLER CORPORATION
HAUGE, GABRIEL
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
MORGAN, J. P., AND CO., INC.
COLLADO, EMILLIO G.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL

DRY DOCK SAVINGS BANK

ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.
FEDERATED DEPARTMENT STORES, INC.
LACHMAN, LAWRENCE
MANUFACTURERS HANOVER CORPORATION
MITCHELL, DAVID W.
NEW YORK LIFE INSURANCE COMPANY
MITCHELL, DAVID W.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.

GRUMMAN CORPORATION
PROTECTION MUTUAL INSURANCE CO.

BATTEN, WILLIAM M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
BURLINGTON NORTHERN, INC.
REED, WILLIAM G.
CITICORP
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.

BOEING CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL

NEW YORK STOCK EXCHANGE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PENNEY, J. C., CO., INC.

CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
ROCHE, JAMES M.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MARINE MIDLAND BANKS, INC.
OWENS, CORNELIUS W.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
KRESGE, S. S., COMPANY
MCCRACKEN, PAUL W.
MERRILL LYNCH AND COMPANY, INC.
SMITH, BRYAN F.

TEXAS INSTRUMENTS, INC.

ELLINGHAUS, WILLIAM M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
FIRST CHICAGO CORPORATION
GWINN, ROBERT P.
CONSUMERS POWER COMPANY
HANNOX, JOHN W., JR.
CONTINENTAL OIL COMPANY
BLAUVELT, HOWARD W.
FORD MOTOR CO.
CULLMAN, JOSEPH F., III
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.
INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
MCCULLOUGH, DONALD F.
MOBIL CORPORATION
LAPHAM, LEWIS A.
TAVOULAREAS, WILLIAM P.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.
AMERICAN EXPRESS COMPANY

BALL CORP.

BANKERS TRUST NEW YORK CORP

BRISTOL-MYERS CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PENNEY, J. C., CO., INC.

	HENLEY, HENRY H., JR.
	ROBINSON, JAMES D., III
	WALLACE, MARTHA REDFIELD
	BANKERS TRUST NEW YORK CORP
	GELB, RICHARD L.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	UNION PACIFIC CORPORATION
	EVANS, JAMES H.
	ROBINSON, JAMES D., III
INTERNATIONAL PAPER CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	MURPHY, WILLIAM B.
	BANKERS TRUST NEW YORK CORP
	GORMAN, PAUL A.
	CHASE MANHATTAN CORP.
	PRATT, EDMUND T., JR.
	SMITH, J. STANFORD
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	GENERAL ELECTRIC COMPANY
	PIERCE, SAMUEL RILEY, JR.
	GENERAL MOTORS CORP.
	SMITH, J. STANFORD
	INTERNATIONAL HARVESTER COMPANY
	HANSEN, ARTHUR GENE
	PRUDENTIAL INSURANCE CO. OF AMERICA
	GORMAN, PAUL A.
	PIERCE, SAMUEL RILEY, JR.
PACIFIC NORTHWEST BELL TELEPHONE CO.	
	UAL, INC.
	JENKINS, WILLIAM M.
PACIFIC TELEPHONE AND TELEGRAPH COMPANY	
THIOKAL CORP.	
HUMM, BALDWIN L.	
JACKSON, JACK B.	
UNION CARBIDE CORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	CHASE MANHATTAN CORP.
	FERGUSON, JAMES L.
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
	METROPOLITAN LIFE INSURANCE COMPANY
	MASON, BIRNEY, JR.
	SNEATH, WILLIAM S.
	MORGAN, J. P., AND CO., INC.
	BROWN, R. MANNING, JR.
	NEW YORK LIFE INSURANCE COMPANY
	BROWN, R. MANNING, JR.
JORDAN, VERNON E., JR.	
BANKERS TRUST NEW YORK CORP	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	ELLINGHAUS, WILLIAM M.
	CONSUMERS POWER COMPANY
	HANNON, JOHN W., JR.
	CONTINENTAL OIL COMPANY
	BLAUVELT, HOWARD W.
	FORD MOTOR CO.
	CULLMAN, JOSEPH F., III
	GENERAL TELEPHONE AND ELECTRONICS CORP.
	BLAUVELT, HOWARD W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MOORE, WILLIAM H.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	MCCULLOUGH, DONALD F.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	TAVOULAREAS, WILLIAM P.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	GORMAN, PAUL A.
	WESTERN ELECTRIC CO., INC.
	BICKMORE, LEE S.
CELANESE CORP.	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	CHASE MANHATTAN CORP.
	LILLEY, ROBERT D.
	CHEMICAL NEW YORK CORPORATION
	PLACE, JOHN B. M.
	CONTINENTAL CORPORATION, THE
	LILLEY, ROBERT D.
	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	HAMILTON, FREDERIC C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PENNEY, J. C., CO., INC.

	METROPOLITAN LIFE INSURANCE COMPANY PLACE, JOHN B. M.
	PAN AMERICAN WORLD AIRWAYS, INC. ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP. ANDERSON, ROBERT B.
XEROX CORP.	AMERICAN EXPRESS COMPANY CLARK, HOWARD L.
	MCCARDELL, ARCHIE R.
	CITICORP MCCOLOUGH, C. PETER
	CONTINENTAL OIL COMPANY MCCARDELL, ARCHIE R.
	MOBIL CORPORATION CLARK, HOWARD L.
	PRUDENTIAL INSURANCE CO. OF AMERICA BECK, R. A.
KREPS, JUANITA M. EASTMAN KODAK COMPANY	AETNA LIFE AND CASUALTY COMPANY SHERMAN, ROBERT A.
	CITICORP HATFIELD, ROBERT S.
	CONTINENTAL ILLINOIS CORPORATION ANDERSON, ROGER E.
	GENERAL MOTORS CORP. FALLON, WALTER A.
	HATFIELD, ROBERT S.
	INTERNATIONAL HARVESTER COMPANY ANDERSON, ROGER E.
	MARINE MIDLAND BANKS, INC. ZORNOW, GERALD B.
	METROPOLITAN LIFE INSURANCE COMPANY WALLIS, W. ALLEN
	MORGAN, J. P., AND CO., INC. FALLON, WALTER A.
	UNITED STATES STEEL CORPORATION MEYER, JOHN M., JR.
	WESTINGHOUSE ELECTRIC CORPORATION EILERS, LOUIS K.
REYNOLDS, R. J., INDUSTRIES, INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY DAVIS, ARCHIE K.
	CHASE MANHATTAN CORP. MACOMBER, JOHN D.
	MYERS, CHARLES F., JR.
	FEDERATED DEPARTMENT STORES, INC. LINGLE, WALTER L., JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO BUTLER, A. L., JR.
	SOUTHERN RAILWAY COMPANY DAVIS, ARCHIE K.
	UNITED STATES STEEL CORPORATION MYERS, CHARLES F., JR.
WESTERN ELECTRIC CO., INC.	BANKERS TRUST NEW YORK CORP BICKMORE, LEE S.
	CHARTER NEW YORK CORP. BURCHAM, LESTER A.
	INTERNATIONAL HARVESTER COMPANY RATTALIATA, JOHN T.
	MORGAN, J. P., AND CO., INC. PPOCKNOW, DONALD E.
	PRUDENTIAL INSURANCE CO. OF AMERICA PROCKNOW, DONALD E.
	SANTA FE INDUSTRIES, INC. LAWRENCE, JOHN L.
	RATTALIATA, JOHN T.
	UNION PACIFIC CORPORATION KENEFICK, JOHN C.
	WOOLWORTH, F. W., CO. BURCHAM, LESTER A.
	GUSHMAN, JOHN LOUIS
MACBAIN, GAVIN KEITH INTERNATIONAL FLAVORS & FRAGRANCES INC. KENNECOTT COPPER CORP.	CITICORP HATFIELD, ROBERT S.
	EASTERN AIRLINES, INC. PHAIEN, CLIFTON W.
	EASTMAN KODAK COMPANY HATFIELD, ROBERT S.
	GENERAL MOTORS CORP. HATFIELD, ROBERT S.
	GOODYEAR TIRE AND RUBBER COMPANY DEYOUNG, RUSSELL
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC. SCHIFF, JOHN M.
	KRESGE, S. S., COMPANY RUSSELL, GEORGE
	MORGAN, J. P., AND CO., INC. PAGE, WALTER H.
	PROCTER AND GAMBLE COMPANY MILLIKEN, FRANK R.
NEW YORK STOCK EXCHANGE	AMERICAN TELEPHONE AND TELEGRAPH COMPANY BATTEN, WILLIAM M.
	HOLLAND, JEROME HEARTWELL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PENNEY, J. C., CO., INC.

CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
ROCHE, JAMES M.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MARINE MIDLAND BANKS, INC.
OWENS, CORNELIUS W.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL

SIMPLICITY PATTERN CO., INC.
UNITED STATES TRUST COMPANY

AMERICAN EXPRESS COMPANY
AMMIDON, ROYT
CLARK, HOWARD L.
ETHERINGTON, EDWIN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
CHRYSLER CORPORATION
KILLEFER, TOM
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
BUEK, C. W.
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
EQUITABLE LIFE ASSURANCE
BUEK, C. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
MOBIL CORPORATION
CLARK, HOWARD L.

MOORE, LEE S.
NEPPL, WALTER J.
CHATHAM TRUST CO.
SUN COMPANY, INC.
SEIBERT, DONALD VINCENT
CITICORP

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WPISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
BOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
PCA CORP.
POURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PENNEY, J. C., CO., INC.

CONTINENTAL GROUP, INC.	WESTINGHOUSE ELECTRIC CORPORATION MILLIKEN, ROGER CITICORP HATFIELD, ROBERT S. EASTMAN KODAK COMPANY HATFIELD, ROBERT S. GENERAL ELECTRIC COMPANY PARKER, JACK S. GENERAL MOTORS CORP. HATFIELD, ROBERT S. GENERAL PUBLIC UTILITIES CORP. HAYFORD, WARREN J. GOODYEAR TIRE AND RUBBER COMPANY DEYOUNG, RUSSELL HAZARD, ELLISON L. SMITH, LLOYD B. MANUFACTURERS HANOVER CORPORATION LYET, J. PAUL MELLON NATIONAL CORPORATION BYROM, FLETCHER L. NORTHEAST UTILITIES BENSON, LUCY WILSON NORTHWESTERN MUTUAL LIFE INSURANCE CO BYROM, FLETCHER L. SOUTHERN PACIFIC COMPANY HAZARD, ELLISON L.
STEWART, CHARLES T. GREAT AMERICAN RESERVE INS. CO. INMONT CORP.	EXXON CORPORATION LONG, FRANKLIN A. TEXACO, INC. MCCALL, HOWARD W., JR.
STEWART, GEORGE S. RELIABLE INVESTORS CORP.	
WRIGHT, CECIL L. WACKENHUT CORP.	EASTERN AIRLINES, INC. SCHRIEVER, BERNARD ADOLPH FLORIDA POWER AND LIGHT COMPANY PRESTON, WILL M.
WRISTON, WALTER B. CHUBB CORPORATION	BANKERS TRUST NEW YORK CORP LAPHAM, LEWIS A. CHEMICAL NEW YORK CORPORATION MOSBACHER, EMIL, JR. EASTERN AIRLINES, INC. PHALEN, CLIFTON W. GENERAL ELECTRIC COMPANY MICHELSON, GERTRUDE G. MOBIL CORPORATION LAPHAM, LEWIS A. SAFEWAY STORES, INC. CHUBB, PERCY, III MITCHELL, W. S. AETNA LIFE AND CASUALTY COMPANY GRAY, HARRY J. AMERICAN BROADCASTING COMPANIES JENKINS, GEORGE P. AMERICAN TELEPHONE AND TELEGRAPH COMPANY DEBUTTS, JOHN D. BETHLEHEM STEEL CORPORATION JENKINS, GEORGE P. CBS, INC. THOMAS, FRANKLIN A. DUPONT, E. I., DE NEMOURS AND CO. SHAPIRO, IRVING S. EASTMAN KODAK COMPANY HATFIELD, ROBERT S. EQUITABLE LIFE ASSURANCE SHELDON, ELEANOR H. B. EXXON CORPORATION GARVIN, CLIFTON C., JR. GRAY, HARRY J. FORD MOTOR CO. OELMAN, ROBERT S. GENERAL MOTORS CORP. DEBUTTS, JOHN D. HATFIELD, ROBERT S. INTERNATIONAL BUSINESS MACHINES CORP. HOUGHTON, AMORY, JR. SHAPIRO, IRVING S. METROPOLITAN LIFE INSURANCE COMPANY JENKINS, GEORGE P. MOBIL CORPORATION SHELDON, ELEANOR H. B. NEW YORK LIFE INSURANCE COMPANY THOMAS, FRANKLIN A. PROCTER AND GAMBLE COMPANY OELMAN, ROBERT S. RCA CORP. FOUFAKER, LAWRENCE E. SEARS, ROEBUCK AND CO. SPENCER, WILLIAM I. SOUTHERN PACIFIC COMPANY HANLEY, JAMES W.
CITICORP	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PENNEY, J. C., CO., INC.

GENERAL ELECTRIC COMPANY

RAND CORP.

STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DANCE, WALKER D.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MORGAN, J. P., AND CO., INC.
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.
SAFEGWAY STORES, INC.
BOSWELL, JAMES G., II
SECURITY PACIFIC CORP.
BOSWELL, JAMES G., II
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
CITICORP
SHELDON, ELEANOR H. B.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PHILADELPHIA ELECTRIC COMPANY

AMSTERDAM, GUSTAVE G.
BANKERS SECURITIES CORP.
CITY STORES CO.
COMCAST CORP.
EVERETT, JAMES L.
TASTY BAKING CO.
FISHMAN, WILLIAM S.
ARA SERVICES, INC.

GILKESON, ROBERT F.
FIRST PENNSYLVANIA CORP.
HAGERTY, WILLIAM W.
CENTRAL PENN NATIONAL CORP.
COMMUNICATIONS SATELLITE CORP.

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
LAIRD, M. R.
PLACE, JOHN B. M.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON

MARTIN MARIETTA ALUMINUM INC.
HAMILTON, WILLIAM G., JR.
QUAKER CHEMICAL CORP.

HARRISON, ROBERT D.
JOHN WANAMAKER
PROVIDENT NATIONAL CORP.

KAISER, PAUL R.
CENTRAL PENN NATIONAL CORP.
TASTY BAKING CO.
MCLAUGHLIN, JOSEPH J.
BENEFICIAL MUTUAL SAVINGS BANK
PARK, JOHN R.
AMERICAN STORES COMPANY

METROPOLITAN LIFE INSURANCE COMPANY
FITZHUGH, GILBERT W.

AMERICAN STORES COMPANY
DWYER, EDWARD J.

CONSOLIDATED FREIGHTWAYS, INC.
WHITE, WILLIAM G.

DUPONT, E. I., DE NEMOURS AND CO.
HECKERT, RICHARD E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PHILLIPS PETROLEUM COMPANY

BROOKEY, HARRY D.

CLIFFORD, CLARK M.

KNIGHT RIDER NEWSPAPER INC.

DOUCE, WILLIAM C.

JOHNSTONE, L. H.

KITRELL, C. M.

LAIRD, M. R.

CHICAGO PNEUMATEC TOOL CO.

COMMUNICATIONS SATELLITE CORP. ATLANTIC RICHFIELD COMPANY

PLACE, JOHN B. M.

CHEMICAL NEW YORK CORPORATION

PLACE, JOHN B. M.

GOODYEAR TIRE AND RUBBER COMPANY

HARPER, JOHN DICKESON

MELLON NATIONAL CORPORATION

HARPER, JOHN DICKESON

METROPOLITAN LIFE INSURANCE COMPANY

HARPER, JOHN DICKESON

PLACE, JOHN B. M.

PHILADELPHIA ELECTRIC COMPANY

HAGERTY, WILLIAM W.

PROCTER AND GAMBLE COMPANY

HARPER, JOHN DICKESON

IDS BOND FUND, INC.

IDS PROGRESSIVE FUND, INC.

INVESTORS ACCUMULATION PLAN

INVESTORS MUTUAL, INC.

INVESTORS STOCK FUND, INC.

METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

ATLANTIC RICHFIELD COMPANY

PLACE, JOHN B. M.

BETHLEHEM STEEL CORPORATION

JENKINS, GEORGE P.

CHARTER NEW YORK CORP.

SMILEY, DONALD B.

CHASE MANHATTAN CORP.

SHINN, RICHARD R.

CHEMICAL NEW YORK CORPORATION

FUNSTON, G. KEITH

PLACE, JOHN B. M.

CITICORP

JENKINS, GEORGE P.

COMMONWEALTH EDISON

JOHNSON, G. E.

CONSOLIDATED EDISON CO OF NEW YORK

LUCE, CHARLES F.

CROCKER NATIONAL CORPORATION

SOLOMON, EMMETT G.

EASTMAN KODAK COMPANY

WALLIS, W. ALLEN

EXXON CORPORATION

PETERSON, MARTHA E.

FIRST CHICAGO CORPORATION

SIVAGE, GERALD A.

GENERAL MOTORS CORP.

MCLAUGHLIN, W. EARLE

SIVAGE, GERALD A.

GOODYEAR TIRE AND RUBBER COMPANY

HARPER, JOHN DICKESON

INTERNATIONAL BUSINESS MACHINES CORP.

FUNSTON, G. KEITH

MELLON NATIONAL CORPORATION

HARPER, JOHN DICKESON

MORGAN, J. P., AND CO., INC.

HOUGHTON, J. R.

PACIFIC GAS AND ELECTRIC COMPANY

SOLOMON, EMMETT G.

PROCTER AND GAMBLE COMPANY

HARPER, JOHN DICKESON

RCA CORP.

SMILEY, DONALD B.

UAL, INC.

LUCE, CHARLES F.

UNION CARBIDE CORPORATION

MASON, BIRNEY, JR.

SNEATH, WILLIAM S.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

CHASE MANHATTAN CORP.

BINGER, JAMES H.

FIRST BANK SYSTEM, INC.

HERZOG, RAYMOND H.

NYROP, DONALD W.

NORTHWEST BANCORPORATION

MCNEELEY, DONALD G.

UNITED STATES STEEL CORPORATION

HERZOG, RAYMOND H.

NORTHWEST AIRLINES, INC.

PURULATOR INC.

READER'S DIGEST

MARTIN, W. F.

BANCOKLAHOMA CORP.

MEEKER, DAVID B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PHILLIPS PETROLEUM COMPANY
DONNELLEY, R. R., AND SONS CO. CONTINENTAL ILLINOIS CORPORATION

MITCHELL, MARVIN G.
FIRST CHICAGO CORPORATION
JAICKS, FREDERICK G.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
BERRY, HAROLD J.
INTERNATIONAL HARVESTER COMPANY
SMITH, HAROLD BYRON
GOODYEAR TIRE AND RUBBER COMPANY
GEIR, PHILLIP O., JR.
PROCTER AND GAMBLE COMPANY
GEIR, PHILLIP O., JR.

HOBART CORP.

HUFFMAN MANUFACTURING CO
WINTERS NATIONAL CORP.

CITICORP
OELMAN, ROBERT S.
FORD MOTOR CO.
OELMAN, ROBERT S.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.

MINTER, LLOYD G.
PALMIERI, WICTOR H.
PENNSYLVANIA CO.
PIEL, WILLIAM, JR.
AMERICAN REINSURANCE CO.
CAMPBELL SOUP CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
MURPHY, WILLIAM B.
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
EQUITABLE LIFE ASSURANCE
BLOUGH, ROGER M.
FORD MOTOR CO.
GADSDEN, HENRY W.
MORGAN, J. P., AND CO., INC.
DORRANCE, JOHN T., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
GORMAN, PAUL A.

SULLIVAN & CROMWELL
ROBERTS, WARREN A.
WESTCOAST TRANSMISSION CO. LTD.
SEARS, ROBERT N.
ZIONS UTAH BANCORPORATION
WESCOE, W. CLARKE
HALLMARK CARDS, INC.

KRESS, SAMUEL H., FOUNDATION
STERLING DRUG, INC.

WHARTON, DOLOPES D.
KELLOGG CO.

FORD MOTOR CO.
MURPHY, FRANKLIN D.

CHARTER NEW YORK CORP.
WALLIS, GORDON T.
WOOLWORTH, F. W., CO.
WALLIS, GORDON T.

AMERICAN ELECTRIC POWER COMPANY, INC.
ZWIENER, KENNETH V.
CONSUMERS POWER COMPANY
AYMOND, A. H.
ROLL, LYLE C.
KRESGE, S. S., COMPANY
AYMOND, A. H.
NATIONAL DETROIT CORPORATION
AYMOND, A. H.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
AYMOND, A. H.
SANTA FE INDUSTRIES, INC.
ZWIENER, KENNETH V.

WHEAT, FRANCIS M.
WILLIAMS, HAROLD M.
CNA FINANCIAL CORP.

NORTON SIMON, INC.

SIGNAL COMPANIES, INC.

FIRST CHICAGO CORPORATION
THOMAS, RICHARD L.
LOEWS CORPORATION
NOHA, EDWARD J.
TISCH, PRESTON ROBERT
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
FORD MOTOR CO.
MURPHY, FRANKLIN D.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
SEARS, ROEBUCK AND CO.
FOSTER, LUTHER H.
SOUTHERN CALIFORNIA EDISON COMPANY
HILLS, CARLA A.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PRICE (T. ROWE) ASSOCIATES, INC.

BOND, CORNELIUS C., JR.

BOWMAN, DONALD E.

CROMWELL, M. JENKINS, JR.

EVERETT, SPENCER, JR.

FEBSSENFELD, DAVID T.

HOFFMAN, CARTER O.

HOWARD, HAL B.

CRUMP, E. H. COMPANIES

MILLER, E. KIPKBRIDE

PEARLSTONE, JACK H., JR.

FIRST MARYLAND BANCORP.

AMERICAN STORES COMPANY

GRAGG, WILLIFORD

CHESSIE SYSTEM, INC.

DECKER, ALONZO G., JR.

CHESSIE SYSTEM, INC.

DECKER, ALONZO G., JR.

WATKINS, RAYS T.

MONUMENTAL CORP.

THOMPSON, WILLIAM B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PROCTER AND GAMBLE COMPANY

BARRETT, CHARLES M.
CINCINNATI BELL, INC.

GOODYEAR TIRE AND RUBBER COMPANY
GEIR, PHILLIP O., JR.
KROGER COMPANY, THE
THOMPSON, MORLEY P.
FEDERATED DEPARTMENT STORES, INC.
LEBLOND, DANIEL W.
SHORE, T. SPENCER

EAGLE Picher INDUSTRIES, INC.

WESTERN & SOUTHERN LIFE INSURANCE CO.

BUTLER, OWEN B.
EWELL, JAMES M.
XOMOX CORP.

KROGER COMPANY, THE
THOMPSON, MORLEY P.

FULLFRAF, CHARLES M.
GARGANUS, WILLIAM R.
GEIR, PHILLIP O., JR.
ARMCO STEEL CORP.

CHASE MANHATTAN CORP.
VERITY, CALVIN WILLIAM, JR.
DUKE POWER CO
HENSON, PAUL HARRY
NEW YORK LIFE INSURANCE COMPANY
DONNELL, J. C., II
KROGER COMPANY, THE
THOMPSON, MORLEY P.

CINCINNATI BELL, INC.

CINCINNATI MELACRON, INC.
FIRST NATIONAL BANK OF CINCINNATI
GOODYEAR TIRE AND RUBBER COMPANY

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DODD, EDWIN D.
MANUFACTURERS HANOVER CORPORATION
PILLIOD, CHARLES JULE, JR.
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
PHILLIPS PETROLEUM COMPANY
MEEKER, DAVID B.

HOBART CORP.

HARNESSE, EDWARD G.
EXXON CORPORATION

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
CATERPILLAR TRACTOR COMPANY
FRANKLIN, WILLIAM H.
CHASE MANHATTAN CORP.
KAUFFMAN, HOWARD C.
CHEMICAL NEW YORK CORPORATION
PIERCY, GEORGE T.
CITICORP
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
EQUITABLE LIFE ASSURANCE
JAMIESON, J. K.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.

HARPER, JOHN DICKESON
ALUMINUM COMPANY OF AMERICA

FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GULF OIL CORPORATION
PEARSON, NATHAN W.
MELLON NATIONAL CORPORATION
GEORGE, W. H. KROME
MAYER, JOHN A.
PEARSON, NATHAN W.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
UAL, INC.
CARLSON, EDWARD E.

AMERICAN EUROPEAN ASSOCIATES
COMMUNICATIONS SATELLITE CORP. ATLANTIC RICHFIELD COMPANY

PLACE, JOHN B. M.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
METROPOLITAN LIFE INSURANCE COMPANY
LAIRD, M. R.
PLACE, JOHN B. M.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PHILADELPHIA ELECTRIC COMPANY
HAGERTY, WILLIAM W.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
EQUITABLE LIFE ASSURANCE
JAMIESON, J. K.

CRUTCHER RESOURCES CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PROCTER AND GAMBLE COMPANY

EXXON CORPORATION
JAMIESON, J. K.

GOODYEAR TIRE AND RUBBER COMPANY
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DODD, EDWIN D.
MANUFACTURERS HANOVER CORPORATION
PILLIOD, CHARLES JULE, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.
MELLON NATIONAL CORPORATION
EQUITABLE LIFE ASSURANCE
FISHER, A. W.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GULF OIL CORPORATION
HIGGINS, JAMES H.
PEARSON, NATHAN W.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
UNITED STATES STEEL CORPORATION
GOTT, EDWIN H.
WESTINGHOUSE ELECTRIC CORPORATION
BURNHAM, DONALD C.

METROPOLITAN LIFE INSURANCE COMPANY
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHAPTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PCA CORP.
SMILEY, DONALD B.
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

LACO, THOMAS
MCGHEE, GEORGE C.
AMERICAN SECURITY CORP.

BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
SOUTHERN RAILWAY COMPANY
CRANE, L. STANLEY
IPELAND, R. L.
UAL, INC.
BRIMMER, ANDREW F.

SATURDAY REVIEW-WORLD, INC.
TRANS WORLD AIRLINES, INC.
CATERPILLAR TRACTOR COMPANY
PACKARD, DAVID

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PROCTER AND GAMBLE COMPANY

MILLIKEN, FRANK R.
KENNECOTT COPPER CORP.

MORGENS, HOWARD J.
GENERAL MOTORS CORP.

MORGAN, J. P., AND CO., INC.

CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
WESTERN BANCORPORATION
THORTON, CHARLES B.

CITICORP
HATFIELD, ROBERT S.
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
GENERAL MOTORS CORP.
HATFIELD, ROBERT S.
GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
KRESGE, S. S., COMPANY
RUSSELL, GEORGE
MORGAN, J. P., AND CO., INC.
PAGE, WALTER H.
PENNEY, J. C., CO., INC.
MACBAIN, GAVIN KEITH

AMEPICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PROCTER AND GAMBLE COMPANY

CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

OWENS-COPNING FIBERGLASS CORP. AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
NORSTAD, LAURIS
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MISSOURI PACIFIC CORPORATION
KEMPER, JAMES M., JR.
TEXACO, INC.
ROOSA, ROBERT V.
UAL, INC.
NORSTAD, LAURIS

CELMAN, ROBERT S.
CITICORP

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
RCA CORP.
FOUPAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
BANKERS TRUST NEW YORK CORP
CULLMAN, JOSEPH F., III
CONSOLIDATED EDISON CO OF NEW YORK
HEISKELL, MARIAN S.
EQUITABLE LIFE ASSURANCE

FORD MOTOR CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PROCTER AND GAMBLE COMPANY

	WHARTON, CLIFTON R.
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
	MORGAN, J. P., AND CO., INC.
	BURGESS, CARTER L.
	WELLS FARGO AND COMPANY
	MILLER, ARJAY
KOPPERS CO., INC.	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	MELION NATIONAL CORPORATION
	BYROM, FLETCHER L.
	JONES, CURTIS E.
	PEARSON, NATHAN W.
	MISSOURI PACIFIC CORPORATION
	GRYMES, DOUGLASS
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
	FITZGERALD, EDMUND B.
NCR CORP.	CITICORP
	COSTANZO, G. A.
	CONTINENTAL OIL COMPANY
	ANDERSON, CHARLES A.
	HARDESTY, CHARLES HOWARD, JR.
OHIO BELL TELEPHONE CO.	UAL, INC.
	DE WINDT, E. MANDELL
	KNUDSEN, SEMON E.
WINTERS NATIONAL CORP.	PHILLIPS PETROLEUM COMPANY
	MEEKER, DAVID B.
SHEPARD, HORACE A.	
FEDERAL RESERVE BANK OF CLEVELAND	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, CHARLES Y.
	WESTINGHOUSE ELECTRIC CORPORATION
	KIRBY, ROBERT E.
STANDARD OIL CO. OHIO	AETNA LIFE AND CASUALTY COMPANY
	TAYLOR, HOBART, JR.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	TAYLOR, HOBART, JR.
	WESTINGHOUSE ELECTRIC CORPORATION
	TAYLOR, HOBART, JR.
TRW, INC.	BETHLEHEM STEEL CORPORATION
	MCCOY, CHARLES B.
	DETROIT EDISON COMPANY
	BACHER, ROBERT F.
	DUPONT, E. I., DE NEMOURS AND CO.
	MCCOY, CHARLES B.
	EASTMAN KODAK COMPANY
	ZORNOW, GERALD B.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	MARINE MIDLAND BANKS, INC.
	ZORNOW, GERALD B.
	SEARS, ROEBUCK AND CO.
	METCALF, GORDON M.
SMALE, JOHN G.	
SPEER, EDGAR B.	
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHEMICAL NEW YORK CORPORATION
	BROWN, CHARLES L.
	WARNER, RAWLEIGH, JR.
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CITICORP
	DEBUTTS, JOHN D.
	CONTINENTAL CORPORATION, THE
	HOLLAND, JEROME HEARTWELL
	CONTINENTAL ILLINOIS CORPORATION
	HEWITT, WILLIAM A.
	CONTINENTAL OIL COMPANY
	HEWITT, WILLIAM A.
	DUPONT, E. I., DE NEMOURS AND CO.
	BROWN, CHARLES L.
	EXXON CORPORATION
	MACNAUGHTON, DONALD S.
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	GENERAL MOTORS CORP.
	CLEARY, CATHERINE B.
	DEBUTTS, JOHN D.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	HANIFY, EDWARD B.
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	LINDHOLM, WILLIAM L.

COMPANY LISTING WITH SECONDARY INTERLOCK THPU DIRECTOR
FOR PROCTER AND GAMBLE COMPANY

MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEPOME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTERN BANCORPORATION
CARTER, EDWARD W.

REACTIVE METALS, INC.

UNITED STATES STEEL CORPORATION

AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHAPTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENEPALE MOTORS CORP.
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MELLON NATIONAL CORPORATION
GOTT, EDWIN H.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHWEST AIRLINES, INC.
HERZOG, RAYMOND H.
RCA CORP.
SMILEY, DONALD B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PRUDENTIAL INSURANCE CO. OF AMERICA

BEALE, O. E.
ENGELHARD MIN. & CHEM. CORP.
ENGELHARD MINERAL AND CHEMICALS CORP.
MACY, R. H., AND CO., INC.

MAHER TERMINALS
MAHER TERMINALS
SERVOMATION CORP.
SERVOMATION CORP.

BECK, R. A.
CAMBELL SOUP CO.
CARROLS DEVELOPMENT CORP.
CHANNEL 13, PUBLIC TELEVISION
DENNY'S INC.
XEROX CORP.

AMERICAN EXPRESS COMPANY
CLARK, HOWARD L.
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CITICORP
MCCOULOUGH, C. PETER
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
MOBIL CORPORATION
CLARK, HOWARD L.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.

CAHILL, W. T.
CAHILL, MCCARTY & HICKS
CITY FEDERAL SAV. & LOAN ASSN.
FIDELITY BANK & TRUST CO.
FIRST NATIONAL BANK OF PRINCETON

DANZIG, CHARLES
DAVIS, C. MALCOLM
ALLIED BANK INTERNATIONAL
BAMBERGER'S
FIDELITY UNION BANCORPORATION

CHARTER NEW YORK CORP.
GIBLIN, E. BURKE
SMILEY, DONALD B.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONTINENTAL CORPORATION, THE
EBERLE, EDWARD R.
WENTWORTH, NATHAN A.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
WENTWORTH, NATHAN A.
RCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
CONTINENTAL CORPORATION, THE
EBERLE, EDWARD R.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SAFEBAY STORES, INC.
CHUBB, PERCY, III
MOBIL CORPORATION
DONNELL, EDWARD S.

FIDELITY UNION TRUST CO.

PENNWALT CORP.

PUBLIC SERVICE ELECTRIC AND GAS CO.
CONTINENTAL CORPORATION, THE
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.

DEITRICK, J. E.
DICKINSON, FAIRLEIGH S., JR.
AIR NEW ENGLAND AIRLINE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOR PRUDENTIAL INSURANCE CO. OF AMERICA
 BECTON DICKENSON AND COMPANY GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 WISER, FORWOOD C., JR.
 PAN AMERICAN WORLD AIRWAYS, INC.
 WISER, FORWOOD C., JR.
 PUBLIC SERVICE ELECTRIC AND GAS CO.
 VAN FOSSAN, ROBERT V.

GARDEN STATE BROADCASTING CO.
 FOSTER, MARGERY SCHMERS
 PUBLIC SERVICE ELECTRIC AND GAS CO.

CONTINENTAL CORPORATION, THE
 EBERLE, EDWARD R.
 SIVERD, CLIFFORD D.
 WENTWORTH, NATHAN A.

GORMAN, PAUL A.
 BANKERS TRUST NEW YORK CORP

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ELLINGHAUS, WILLIAM M.
 CONSUMERS POWER COMPANY
 HANNON, JOHN W., JR.
 CONTINENTAL OIL COMPANY
 BLAUVELT, HOWARD W.
 FORD MOTOR CO.
 CULLMAN, JOSEPH F., III
 GENERAL TELEPHONE AND ELECTRONICS CORP.
 BLAUVELT, HOWARD W.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MOORE, WILLIAM H.
 MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
 MCCULLOUGH, DONALD F.
 MOBIL CORPORATION
 LAPHAM, LEWIS A.
 TAVOULAREAS, WILLIAM P.
 PENNEY, J. C., CO., INC.
 ELLINGHAUS, WILLIAM M.
 JORDAN, VERNON E., JR.
 WESTERN ELECTRIC CO., INC.
 BICKMORE, LEE S.

CAMPBELL SOUP CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 JOHNSON, BELTON K.
 MURPHY, WILLIAM B.
 EQUITABLE LIFE ASSURANCE
 BLOUGH, ROGER M.
 FORD MOTOR CO.
 GADSDEN, HENRY W.
 MORGAN, J. P., AND CO., INC.
 DORFANCE, JOHN T., JR.
 PHILLIPS PETROLEUM COMPANY
 PIEL, WILLIAM, JR.

INTERNATIONAL PAPER CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ELLINGHAUS, WILLIAM M.
 MURPHY, WILLIAM B.
 BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 CHASE MANHATTAN CORP.
 PRATT, EDMUND T., JR.
 SMITH, J. STANFORD
 CHEMICAL NEW YORK CORPORATION
 NEWMAN, JAMES WILSON
 GENERAL ELECTRIC COMPANY
 PIERCE, SAMUEL RILEY, JR.
 GENERAL MOTORS CORP.
 SMITH, J. STANFORD
 INTERNATIONAL HARVESTER COMPANY
 HANSEN, ARTHUR GENE
 PENNEY, J. C., CO., INC.
 ELLINGHAUS, WILLIAM M.

THOMAS & BETTS CO.
 HERRING, ROBERT R.
 HOUSTON NATIONAL GAS CORP.
 PROLER INTERNATIONAL CORP.
 TEXAS COMMERCE BANK
 HOENEMEYER, F. J.
 MACNAUGHTON, DONALD S.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
 WARNER, RAWLEIGH, JR.
 BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 CATERPILLAR TRACTOR COMPANY
 WARNER, RAWLEIGH, JR.
 CHEMICAL NEW YORK CORPORATION
 BROWN, CHARLES L.
 WARNER, RAWLEIGH, JR.
 CHRYSLER CORPORATION
 HOLLAND, JEROME HEARTWELL
 CITICORP
 DEBUTTS, JOHN D.
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEROME HEARTWELL
 CONTINENTAL ILLINOIS CORPORATION
 HEWITT, WILLIAM A.
 CONTINENTAL OIL COMPANY
 HEWITT, WILLIAM A.
 DUPONT, E. I., DE NEMOURS AND CO.
 BROWN, CHARLES L.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PRUDENTIAL INSURANCE CO. OF AMERICA

FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
CATERPILLAR TRACTOR COMPANY
FRANKLIN, WILLIAM H.
CHASE MANHATTAN CORP.
KAUFFMAN, HOWARD C.
CHEMICAL NEW YORK CORPORATION
PIERCY, GEORGE T.
CITICORP
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
EQUITABLE LIFE ASSURANCE
JAMIESON, J. K.
METROPOLITAN LIFE INSURANCE COMPANY
PETERSON, MARTHA E.
PROCTER AND GAMBLE COMPANY
HARNESSE, EDWARD G.
MCFARLAND, JAMES P.
GENERAL MILLS, INC.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
PARKER, PAUL H.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
GENERAL MOTORS CORP.
TERRELL, RICHARD L.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
NORTHWEST BANCORPORATION
MORRISON, JOHN W.
NORTHWESTERN BELL TELEPHONE CO.
CHASE MANHATTAN CORP.
BINGER, JAMES H.
FIRST BANK SYSTEM, INC.
NYROP, DONALD W.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
NYROP, DONALD W.
NORTHWEST BANCORPORATION
PILLSBURY, JOHN S., JR.
FIRST CHICAGO CORPORATION
STUART, ROBERT D., JR.
UAL, INC.
STUART, ROBERT D., JR.
BURLINGTON NORTHERN, INC.
NASON, PHILIP H.
FIRST BANK SYSTEM, INC.
NASON, PHILIP H.
MCGLYNN, R. H.
MEYNER, R. B.
CENTRAL RAILROAD OF NEW JERSEY CO.
ENGELHARD MINERALS & CHEMICALS CORP.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
ROHATYN, FELIX G.
FIRST NATIONAL STATE BANCORPORATION
WOOLWORTH, F. W., CO.
ROBERTS, JOHN S.
MEYNER, LANDIS & VERDON
MUMMA, A. G.
C. R. BARD, INC.
FIRST NATIONAL STATE BANCORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PRUDENTIAL INSURANCE CO. OF AMERICA

WOOLWORTH, F. W., CO.
ROBERTS, JOHN S.

KEUFFEL & ESSER CO.

PRODUCERS CHEMICAL CORPORATION

PIERCE, SAMUEL RILEY, JR.

GENERAL ELECTRIC COMPANY

AMERICAN EXPRESS COMPANY

HENLEY, HENRY H., JR.

CHASE MANHATTAN CORP.

LAZARUS, RALPH

CHEMICAL NEW YORK CORPORATION

HILLMAN, HENRY L.

CITICORP

WRISTON, WALTER B.

FEDERATED DEPARTMENT STORES, INC.

LAZARUS, RALPH

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

DANCE, WALKER D.

MANUFACTURERS HANOVER CORPORATION

HENLEY, HENRY H., JR.

MORGAN, J. P., AND CO., INC.

AUSTIN, J. PAUL

DICKEY, CHARLES D., JR.

PRESTON, LEWIS T.

PENNEY, J. C., CO., INC.

WRISTON, WALTER B.

SAFEGWAY STORES, INC.

BOSWELL, JAMES G., II

SECURITY PACIFIC CORP.

BOSWELL, JAMES G., II

SOUTHERN PACIFIC COMPANY

LITTLEFIELD, EDMUND W.

WELLS FARGO AND COMPANY

LITTLEFIELD, EDMUND W.

INTERNATIONAL BASIC ECONOMY CORP.

CHAPTER NEW YORK CORP.

DUNCAN, JOHN C.

CHASE MANHATTAN CORP.

DILLWORTH, J. RICHARDSON

CHRYSLER CORPORATION

DILLWORTH, J. RICHARDSON

KRESGE, S. S., COMPANY

PURCELL, ROBERT W.

INTERNATIONAL PAPER CO.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

ELLINGHAUS, WILLIAM M.

MURPHY, WILLIAM B.

BANKERS TRUST NEW YORK CORP

ELLINGHAUS, WILLIAM M.

GORMAN, PAUL A.

CHASE MANHATTAN CORP.

PRATT, EDMUND T., JR.

SMITH, J. STANFORD

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

GENERAL MOTORS CORP.

SMITH, J. STANFORD

INTERNATIONAL HARVESTER COMPANY

HANSEN, ARTHUR GENE

PENNEY, J. C., CO., INC.

ELLINGHAUS, WILLIAM M.

RAND CORP.

CITICORP

SHELDON, ELEANOR H. B.

WRISTON, WALTER B.

EQUITABLE LIFE ASSURANCE

SHELDON, ELEANOR H. B.

GENERAL ELECTRIC COMPANY

WRISTON, WALTER B.

MOBIL CORPORATION

SHELDON, ELEANOR H. B.

PENNEY, J. C., CO., INC.

WRISTON, WALTER B.

U. S. INDUSTRIES, INC.

INVESTORS DIVERSIFIED SERVICES, INC.

FIRBY, FRED MORGAN, II

NORFOLK AND WESTERN RAILWAY COMPANY

FOWLER, HENRY H.

WOOLWORTH, F. W., CO.

KIRBY, FRED MORGAN, II

PROCKNOW, DONALD E.

BELL TELEPHONE LABORATORIES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

LINDHOLM, WILLIAM L.

MANUFACTURERS HANOVER CORPORATION

LINDHOLM, WILLIAM L.

CPC INTERNATIONAL, INC.

CHEMICAL NEW YORK CORPORATION

PLATTEN, DONALD C.

EQUITABLE LIFE ASSURANCE

LONGNECKER, H. E.

SEILER, LEWIS P.

GOODYEAR TIRE AND RUBBER COMPANY

PILLIOD, CHARLES JULE, JR.

MANUFACTURERS HANOVER CORPORATION

PILLIOD, CHARLES JULE, JR.

MARINE MIDLAND BANKS, INC.

MCKEE, JAMES WILSON, JR.

INGERSOLL-RAND CO.

CITICORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PRUDENTIAL INSURANCE CO. OF AMERICA

GRACE, J. PETER
PUBLIC SERVICE ELECTRIC AND GAS CO.
HALLSTEIN, D. WAYNE
MORGAN, J. P., AND CO., INC. AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC. BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
CHARTER NEW YORK CORP.
BURCHAM, LESTER A.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
INTERNATIONAL HARVESTER COMPANY
RATTALIATA, JOHN T.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
SANTA FE INDUSTRIES, INC.
LAWRENCE, JOHN L.
RATTALIATA, JOHN T.
UNION PACIFIC CORPORATION
KENEFICK, JOHN C.
WOOLWORTH, F. W., CO.
BURCHAM, LESTER A.
GUSHMAN, JOHN LOUIS
SCHAEFERLE, ROBERT M.
LIBBEY-OWENS-FORD CO.
COLUMBIA GAS SYSTEM
MACNICHOL, GEORGE P.
CONSUMERS POWER COMPANY
MCKONE, DON T.
NATIONAL DETROIT CORPORATION
MCKONE, DON T.
NEW YORK LIFE INSURANCE COMPANY
DONNELL, J. C., II
WESTERN ELECTRIC CO., INC.
GUSHMAN, JOHN LOUIS
WOOLWORTH, F. W., CO.
GUSHMAN, JOHN LOUIS
NABISCO INTERNATL. FINANCE CO.
NABISCO, INC.
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
MOORE, WILLIAM H.
GENERAL PUBLIC UTILITIES CORP.
DIEHL, VAL B.
INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.
STEVENS, S. G.
DELAWARE AND BOUND CROOK RAILROAD CO.
THOMSON, RICHARD M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOR PRUDENTIAL INSURANCE CO. OF AMERICA
 CANADIAN GYPSUM, LTD.
 JOHNSON, S. C., AND CO., LTD.
 TEXAS GULF, INC.

CHARTER NEW YORK CORP.
 SMILEY, DONALD B.
 EASTMAN KODAK COMPANY
 MEYER, JOHN M., JR.
 METROPOLITAN LIFE INSURANCE COMPANY
 SMILEY, DONALD B.
 RCA CORP.
 SMILEY, DONALD B.
 UNION PACIFIC CORPORATION
 ECCLES, GEORGE S.
 UNITED STATES STEEL CORPORATION
 MEYER, JOHN M., JR.
 SMILEY, DONALD B.
 CONTINENTAL CORPORATION, THE
 LAMBERT, ALLEN T.

TORONTO DOMINION BANK

TORONTO DOMINION PENSION FUND
 UNION CARBIDE CANADA, LTD.

WASSON, E. HORNSBY
 AEROSPACE CORPORATION
 AMERICAN POTATO COMPANY
 AVANTEK, INC.
 BEKINS CO., THE

CROCKER NATIONAL CORPORATION
 BEKINS, MILO W., JR.
 LOWE, JOHN G.
 SEARS, ROEBUCK AND CO.
 LOWE, JOHN G.

CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 CARTER, EDWARD W.
 ATLANTIC RICHFIELD COMPANY
 HAWLEY, PHILLIP M.
 BANKAMERICA CORPORATION
 DI GIORGIO, ROBERT
 NEW YORK LIFE INSURANCE COMPANY
 MARCUS, STANLEY
 SANTA FE INDUSTRIES, INC.
 HALE, PRENTIS C.
 SOUTHERN CALIFORNIA EDISON COMPANY
 BARKER, NORMAN, JR.
 CARTER, EDWARD W.
 HALE, STANTON G.
 UNION OIL COMPANY OF CALIFORNIA
 DI GIORGIO, ROBERT
 HALE, PRENTIS C.
 WESTERN BANCORPORATION
 BARKER, NORMAN, JR.
 CARTER, EDWARD W.

POCKET RESEARCH CORP.
 STANDARD OIL COMPANY OF CALIFORNIA

BANKAMERICA CORPORATION
 GPAY, JOHN R.
 CATERPILLAR TRACTOR COMPANY
 PACKARD, DAVID
 CITICORP
 HAYNES, HAROLD J.
 PIGOTT, CHARLES M.
 TRANS WORLD AIRLINES, INC.
 PACKARD, DAVID
 WESTERN BANCORPORATION
 KELLER, GEORGE M.
 CITICORP
 HAYNES, HAROLD J.
 STANDARD OIL COMPANY OF CALIFORNIA
 HAYNES, HAROLD J.

STANFORD RESEARCH INST.

WESCOTT, L. B.
 HUNTERDON HILLS HOSTEINS, INC.
 YOUICH, D. L.
 YUNICH, DAVID L.
 BONMAR INDUSTRIES
 EAST RIVER SAVINGS BANK

CONTINENTAL CORPORATION, THE
 WENTWORTH, NATHAN A.
 PUBLIC SERVICE ELECTRIC AND GAS CO.
 WENTWORTH, NATHAN A.

HARWOOD COS.
 NEW YORK TELEPHONE COMPANY

AMERICAN EXPRESS COMPANY
 WALLACE, MARTHA REDFIELD
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 LINDHOLM, WILLIAM L.
 CBS, INC.
 THOMAS, FRANKLIN A.
 CHEMICAL NEW YORK CORPORATION
 WALLACE, MARTHA REDFIELD
 CHRYSLER CORPORATION
 HAUGE, GABRIEL
 CITICORP
 HOUGHTON, AMORY, JR.
 THOMAS, FRANKLIN A.
 EASTERN AIRLINES, INC.
 HALL, FLOYD D.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 MANUFACTURERS HANOVER CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PRUDENTIAL INSURANCE CO. OF AMERICA

	HAUGE, GABRIEL
	LINDHOLM, WILLIAM L.
	MARINE MIDLAND BANKS, INC.
	WENDEL, WILLIAM H.
	NEW YORK LIFE INSURANCE COMPANY
	HAUGE, GABRIEL
	THOMAS, FRANKLIN A.
THOMPSON, J. WALTER, CO.	CHARTER NEW YORK CORP.
	WALLIS, GORDON T.
	WOOLWORTH, F. W., CO.
	WALLIS, GORDON T.
U. S. INDUSTRIES, INC.	GENERAL ELECTRIC COMPANY
	PIERCE, SAMUEL RILEY, JR.
	INVESTORS DIVERSIFIED SERVICES, INC.
	KIRBY, FRED MORGAN, II
	NORFOLK AND WESTERN RAILWAY COMPANY
	FOWLER, HENRY H.
	WOOLWORTH, F. W., CO.
	KIRBY, FRED MORGAN, II

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PUBLIC SERVICE ELECTRIC AND GAS CO.

BETZ, JOHN F.

BURCH, REYNOLD E., M.D.

DAVIS, C. MALCOLM

ALLIED BANK INTERNATIONAL

BAMBERGER'S

FIDELITY UNION BANCORPORATION CHARTER NEW YORK CORP.

GIBLIN, E. BURKE

SMILEY, DONALD B.

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

CONTINENTAL CORPORATION, THE

EBERLE, EDWARD R.

WENTWORTH, NATHAN A.

MARINE MIDLAND BANKS, INC.

MCKEE, JAMES WILSON, JR.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

RCA CORP.

SMILEY, DONALD B.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

FIDELITY UNION TRUST CO.

CONTINENTAL CORPORATION, THE

EBERLE, EDWARD R.

SAFeway STORES, INC.

CHUBB, PERCY, III

PENNWALT CORP.

MOBIL CORPORATION

DONNELL, EDWARD S.

PRUDENTIAL INSURANCE CO. OF AMERICA

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

MACNAUGHTON, DONALD S.

BANKERS TRUST NEW YORK CORP

GOPMAN, PAUL A.

EXXON CORPORATION

MACNAUGHTON, DONALD S.

GENERAL ELECTRIC COMPANY

PIERCE, SAMUEL RILEY, JR.

MORGAN, J. P., AND CO., INC.

PROCKNOW, DONALD E.

STANDARD OIL COMPANY OF CALIFORNIA

WASSON, E. HORNSBY

WESTERN ELECTRIC CO., INC.

PROCKNOW, DONALD E.

DAVIS, W. ROBERT

BANCSHARES OF NEW JERSEY

BANK OF NEW JERSEY

CAMDEN FIRE INSURANCE ASSN.

PENNA GENERAL INSURANCE CO.

POTOMAC INSURANCE CO.

EBERLE, EDWARD R.

CONTINENTAL CORPORATION, THE

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

CHASE MANHATTAN CORP.

BARBER, CHARLES F.

LILLEY, ROBERT D.

CHRYSLER CORPORATION

HOLLAND, JEROME HEARTWELL

CONSOLIDATED EDISON CO OF NEW YORK

PAINE, PETER S.

FEDERATED DEPARTMENT STORES, INC.

HOLLAND, JEROME HEARTWELL

MANUFACTURERS HANOVER CORPORATION

HOLLAND, JEROME HEARTWELL

RICKER, JOHN B., JR.

WILSON, F. PERRY

ZIPF, GEORGE G.

MORGAN, J. P., AND CO., INC.

LEACH, RALPH F.

SOUTHERN RAILWAY COMPANY

LEACH, RALPH F.

TRANS WORLD AIRLINES, INC.

STEWART, PATRICIA CARRY

UNION CARBIDE CORPORATION

HOLLAND, JEROME HEARTWELL

WILSON, F. PERRY

FIDELITY UNION BANCORPORATION

CHARTER NEW YORK CORP.

GIBLIN, E. BURKE

SMILEY, DONALD B.

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

CONTINENTAL CORPORATION, THE

WENTWORTH, NATHAN A.

MARINE MIDLAND BANKS, INC.

MCKEE, JAMES WILSON, JR.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

PRUDENTIAL INSURANCE CO. OF AMERICA

DAVIS, C. MALCOLM

RCA CORP.

SMILEY, DONALD B.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

FIDELITY UNION TRUST CO.

PRUDENTIAL INSURANCE CO. OF AMERICA

DAVIS, C. MALCOLM

SAFeway STORES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PUBLIC SERVICE ELECTRIC AND GAS CO.

CHUBB, PERCY, III

TRANSPORT OF NEW JERSEY
FOSTER, MARGERY SOMMERS
PRUDENTIAL INSURANCE CO. OF AMERICA

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

HALLSTEIN, D. WAYNE
AEROTRON, INC.
INGERSOLL-RAND CO.

CITICORP
GRACE, J. PETER
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

UNITED JERSEY BANK-PEOPLES TRUST
UNITED JERSEY BANKS
PERLMUTTER, MILTON
INA INVESTMENT SECURITIES, INC.
SUPER VALU STORES, INC.
SUPERMARKETS GENERAL CORP.
POLLACK, STEWART G.
ROGERS, KENNETH C.
FIRST JERSEY NATIONAL CORP.
SCOTT, WILLIAM E.
FIRST JERSEY NATIONAL CORP.
GENERAL ASSURANCE SERVICES, LTD.
SIVERD, CLIFFORD D.
AMERICAN CYANAMID CO.
CONTINENTAL CORPORATION, THE

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY

SMITH, ROBERT I.
ENERGY DEVELOPMENT CORP.
MIDLANTIC NATIONAL BANK
VAN FOSSAN, ROBERT V.
AMERADA HESS CORP.

AMERICAN BROADCASTING COMPANIES
HESS, LEON
CHEMICAL NEW YORK CORPORATION
RENNARD, WILLIAM S.
CONSOLIDATED EDISON CO OF NEW YORK
RENNARD, WILLIAM S.
NEW YORK LIFE INSURANCE COMPANY
RENNARD, WILLIAM S.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
PAN AMERICAN WORLD AIRWAYS, INC.
WISER, FORWOOD C., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
DICKINSON, FAIRLEIGH S., JR.

MUTUAL BENEFIT LIFE INSURANCE CO.

AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CHASE MANHATTAN CORP.
FURLAUD, RICHARD M.
LILLEY, ROBERT D.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.

WENTWORTH, NATHAN A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PUBLIC SERVICE ELECTRIC AND GAS CO.

CONTINENTAL CORPORATION, THE AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
EAST RIVER SAVINGS BANK PRUDENTIAL INSURANCE CO. OF AMERICA
YUNICH, DAVID L.
EXPOET-IMPORT BANK OF U. S.
FIDELITY UNION BANCORPORATION CHAPTER NEW YORK CORP.
GIBLIN, E. BURKE
SMILEY, DONALD B.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONTINENTAL CORPORATION, THE
EBERLE, EDWARD R.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
DAVIS, C. MALCOLM
FCA CORP.
SMILEY, DONALD B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
FRANKLIN LIFE INSURANCE CO. CONTINENTAL CORPORATION, THE
JOHNSON, HAROLD E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR PUTNAM MANAGEMENT COMPANY, INC. (THE)

CLARK, RONALD CHANNING
CUTLER, RICHARD MOTIMER
DWORSKY, ALAN JACOB
HALE, MARTIN DEMORA
LASSER, LAWRENCE JAY
MAURICE, JOHN
MULLIN, FRANCIS JOSEPH
NEWHOUSE, ROBERT JOYCE, JR.

MARSH & MCLENNAN COMPANIES, INC.

CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
COMMONWEALTH EDISON
BARR, JOHN A.
DETROIT EDISON COMPANY
GERSTENBERG, RICHARD C.
GENERAL MOTORS CORP.
GERSTENBERG, RICHARD C.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
NATIONAL DETROIT CORPORATION
GERSTENBERG, RICHARD C.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.

REAMER, NORTON HERBERT
REGAN, JOHN MACVEIGH, JR.
HUGHES TOOL CO.

CONTINENTAL ILLINOIS CORPORATION
BERE, JAMES F.

MARSH & MCLENNAN COMPANIES, INC.

CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
COMMONWEALTH EDISON
BARR, JOHN A.
DETROIT EDISON COMPANY
GERSTENBERG, RICHARD C.
GENERAL MOTORS CORP.
GERSTENBERG, RICHARD C.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
NATIONAL DETROIT CORPORATION
GERSTENBERG, RICHARD C.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.

SOMMERS, JOHN ANTHONY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF RCA CORP.
BRADSHAW, THOMPSON F.

ATLANTIC RICHFIELD COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CBS, INC.

STANTON, FRANK
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.

FIRST CHICAGO CORPORATION
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.

METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.

NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK

PAN AMERICAN WORLD AIRWAYS, INC.
KENDALL, DONALD M.
STANTON, FRANK

CHAMPION INTERNATIONAL CORP.

DUPONT, E. I., DE MEMOURS AND CO.
JOHNSON, H. W.

FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.

FIRST NATIONAL BOSTON CORP.

CHARPIS, ROBERT A.
GOODYEAR TIRE AND RUBBER COMPANY
GERSTENMAIER, JOHN H.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.

MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.

WESTINGHOUSE ELECTRIC CORPORATION
BENNETSEN, EARL P.

NATIONAL BROADCASTING CO., INC.

CHARTER NEW YORK CORP.

SMILEY, DONALD B.

CITICORP

FOURAKER, LAWRENCE E.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

SECURITY PACIFIC CORP.

GENERAL ELECTRIC COMPANY

BOSWELL, JAMES G., II

GOODYEAR TIRE AND RUBBER COMPANY

ANDERSON, ROBERT B.

PAN AMERICAN WORLD AIRWAYS, INC.

ANDERSON, ROBERT B.

SAFeway STORES, INC.

BOSWELL, JAMES G., II

SOUTHERN CALIFORNIA EDISON COMPANY

LARKIN, FREDERICK G., JR.

SMITH, H. RUSSELL

VON HAGEN, RICHARD R.

UNION PACIFIC CORPORATION

LAWLER, OSCAR T.

FOURAKER, LAWRENCE E.

CITICORP

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DEBUTTS, JOHN D.

BETHLEHEM STEEL CORPORATION

JENKINS, GEORGE P.

CBS, INC.

THOMAS, FRANKLIN A.

DUPONT, E. I., DE MEMOURS AND CO.

SHAPIRO, IRVING S.

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

EQUITABLE LIFE ASSURANCE

SHELDON, ELEANOR H. B.

EXXON CORPORATION

GARVIN, CLIFTON C., JR.

GRAY, HARRY J.

FORD MOTOR CO.

CELMAN, ROBERT S.

GENERAL ELECTRIC COMPANY

WRISTON, WALTER B.

GENERAL MOTORS CORP.

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

INTERNATIONAL BUSINESS MACHINES CORP.

HOUGHTON, AMORY, JR.

SHAPIRO, IRVING S.

METROPOLITAN LIFE INSURANCE COMPANY

JENKINS, GEORGE P.

MOBIL CORPORATION

SHELDON, ELEANOR H. B.

NEW YORK LIFE INSURANCE COMPANY

THOMAS, FRANKLIN A.

PENNEY, J. C., CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR RCA CORP.

SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
GILLETTE CO.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST NATIONAL BOSTON CORP.
MOCKLER, COLMAN M., JR.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
MOCKLER, COLMAN M., JR.
PAN AMERICAN WORLD AIRWAYS, INC.
ADAMS, CHARLES F.
SEARS, ROEBUCK AND CO.
MEYER, CHARLES A.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
JEWEL COMPANIES, INC.
CONTINENTAL ILLINOIS CORPORATION
BAUMHART, RAYMOND C.
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
GENERAL ELECTRIC COMPANY
CATHCART, SILAS S.
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.
MACY, R. H., AND CO., INC.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
LILLEY, ROBERT D.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
WILSON, F. PERRY
GENERAL ELECTRIC COMPANY
MICHELSON, GERTRUDE G.
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERRY
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
PRUDENTIAL INSURANCE CO. OF AMERICA
BEALE, O. E.
UNION CARBIDE CORPORATION
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
NATIONAL BROADCASTING CO., INC.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
NEW ENGLAND MUTUAL LIFE INSURANCE CO.
TEXAS EASTERN TRANSMISSION CORP.
TRANSAMERICA CORPORATION
BECKETT, JOHN R.
GOODRICH, BAXTER D.
FUCHS, GEORGE H.
HERTZ CORPORATION
RANDOM HOUSE, INC.
GOODMAN, JULIAN B.
GRIFFITHS, EDGAR H.
BANQUET FOODS CORP.
CORONET INDUSTRIES, INC.
HERTZ CORPORATION
NATIONAL BROADCASTING CO., INC.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CITICORP
FOURAKER, LAWRENCE E.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
SECURITY PACIFIC CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF RCA CORP.

HAWKINS, HOWARD R.	BRADSHAW, THORNTON F.
HITTINGER, WILLIAM C.	UNITED STATES STEEL CORPORATION
AMERICAN FLETCHER CORP.	SMILEY, DONALD B.
KENNEDY, WILLIAM J., III	CONSOLIDATED FREIGHTWAYS, INC.
BUNTING STERISYSTEMS INC.	MALLORY, G. BARRON
NATIONAL BROADCASTING CO., INC.	
	ATLANTIC RICHFIELD COMPANY
	BRADSHAW, THORNTON F.
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CITICORP
	FOURAKER, LAWRENCE E.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
NORTH CAROLINA MUTUAL LIFE INS. CO.	
PFIZER INC.	CHASE MANHATTAN CORP.
	PRATT, EDMUND T., JR.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	ROHATYN, FELIX G.
PETTY, JOHN ROBERT	
HERCULES INC.	AMERICAN BROADCASTING COMPANIES
	MACIOCE, THOMAS M.
	MANUFACTURERS HANOVER CORPORATION
	MACIOCE, THOMAS M.
LEHMAN CORP., THE	EQUITABLE LIFE ASSURANCE
	SEILER, LEWS P.
	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	PAN AMERICAN WORLD AIRWAYS, INC.
	SEAWELL, WILLIAM T.
	UNION CARBIDE CORPORATION
	HESTER, JAMES M.
MARINE MIDLAND BANKS, INC.	AMERICAN AIR LINES, INC.
	SADLER, MARION
	EASTMAN KODAK COMPANY
	ZORNOW, GERALD B.
	GENERAL PUBLIC UTILITIES CORP.
	KUHNS, WILLIAM G.
	PAN AMERICAN WORLD AIRWAYS, INC.
	LINOWITZ, SOL M.
SELBY, CECILY C.	
AVON PRODUCTS, INC.	ATLANTIC RICHFIELD COMPANY
	WILSON, KENDRICK R., JR.
	CHEMICAL NEW YORK CORPORATION
	MOSBACHER, EMIL, JR.
	MANUFACTURERS HANOVER CORPORATION
	MITCHELL, DAVID W.
	MORGAN, J. P., AND CO., INC.
	BROWN, R. MANNING, JR.
	NEW YORK LIFE INSURANCE COMPANY
	BROWN, R. MANNING, JR.
	MITCHELL, DAVID W.
	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
NATIONAL BROADCASTING CO., INC.	
	ATLANTIC RICHFIELD COMPANY
	BRADSHAW, THORNTON F.
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CITICORP
	FOURAKER, LAWRENCE E.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	SECURITY PACIFIC CORP.
	BRADSHAW, THORNTON F.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
SMILEY, DONALD B.	
CHARTER NEW YORK CORP.	GENERAL TELEPHONE AND ELECTRONICS CORP.
	BROPHY, THEODORE F.
	KNOWLES, JOHN H., M.D.
	MURPHY, GEORGE A.
	NORTHEAST UTILITIES
	SILLIN, LELAN F., JR.
	SHELL OIL COMPANY
	BOOKOUT, JOHN F.
	UNION PACIFIC CORPORATION
	MITCHELL, HAMILTON B.
	WESTERN ELECTRIC CO., INC.
	BURCHAM, LESTER A.
	WOOLWORTH, F. W., CO.
	BURCHAM, LESTER A.
	WALLIS, GORDON T.
FIDELITY UNION BANCORPORATION	CHARTER NEW YORK CORP.
	GIBLIN, E. BURKE
	CHEMICAL NEW YORK CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR RCA CORP.

MACY CREDIT CORP.
MACY, R. H., AND CO., INC.

NEWMAN, JAMES WILSON
CONTINENTAL CORPORATION, THE
EBERLE, EDWARD R.
WENTWORTH, NATHAN A.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
DAVIS, C. MALCOLM
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
EBERLE, EDWARD R.
WENTWORTH, NATHAN A.

CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
LILLEY, ROBERT D.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CITICORP
FOURAKER, LAWRENCE E.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
WILSON, F. PERRY
GENERAL ELECTRIC COMPANY
MICHELSON, GERTRUDE G.
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERRY
PRUDENTIAL INSURANCE CO. OF AMERICA
BEALE, O. E.
UNION CARBIDE CORPORATION
WILSON, F. PERRY

METROPOLITAN LIFE INSURANCE COMPANY
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CHASE MANHATTAN CORP.
SHINN, RICHARD R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILLIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
UAL, INC.
LUCE, CHARLES F.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.

NATIONAL BROADCASTING CO., INC.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
CITICORP
FOURAKER, LAWRENCE E.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CITICORP
GRACE, J. PETER

OMEGA FUND, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR RCA CORP.
RALSTON PURINA CORP.

	BANKAMERICA CORPORATION LEWIS, DAVID SLOAN, JR.
	GULF OIL CORPORATION DEAN, P. HAL SINGER, EDWIN
	MELLON NATIONAL CORPORATION BYROM, FLETCHER L.
	MISSOURI PACIFIC CORPORATION SHAPLEIGH, WARREN M.
	MORGAN, J. P., AND CO., INC. SHAPLEIGH, WARREN M.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO BYROM, FLETCHER L. FERGUSON, FRANCIS E.
TEXAS GULF, INC.	EASTMAN KODAK COMPANY MEYER, JOHN M., JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA THOMSON, RICHARD M.
	UNION PACIFIC CORPORATION ECCLES, GEORGE S.
	UNITED STATES STEEL CORPORATION MEYER, JOHN M., JR.
TEXAS GULF, INC.	EASTMAN KODAK COMPANY MEYER, JOHN M., JR.
	PRUDENTIAL INSURANCE CO. OF AMERICA THOMSON, RICHARD M.
	UNION PACIFIC CORPORATION ECCLES, GEORGE S.
	UNITED STATES STEEL CORPORATION MEYER, JOHN M., JR.
UNITED STATES STEEL CORPORATION	AETNA LIFE AND CASUALTY COMPANY FILER, JOHN H. RODERICK, DAVID M.
	AMERICAN AIR LINES, INC. BEERS, WILLIAM O.
	AMERICAN EXPRESS COMPANY MARTIN, WILLIAM MCCHESENEY, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY DEBUTTS, JOHN D. SPEER, EDGAR B.
	CATERPILLAR TRACTOR COMPANY MARTIN, WILLIAM MCCHESENEY, JR.
	SCRIVENER, ROBERT CARLTON
	CHASE MANHATTAN CORP. MYERS, CHARLES F., JR.
	CHEMICAL NEW YORK CORPORATION WALKER, WILBERT A.
	CITICOPP DEBUTTS, JOHN D.
	EASTMAN KODAK COMPANY MEYER, JOHN M., JR.
	FIRST BANK SYSTEM, INC. HERZOG, RAYMOND H.
	GENERAL MOTORS CORP. BRANCH, HARLEE, JR. DEBUTTS, JOHN D.
	INTERNATIONAL BUSINESS MACHINES CORP. MARTIN, WILLIAM MCCHESENEY, JR.
	MANUFACTURERS HANOVER CORPORATION BEERS, WILLIAM O.
	MELLON NATIONAL CORPORATION GOTT, EDWIN H.
	NORTHWEST AIRLINES, INC. HERZOG, RAYMOND H.
	PROCTER AND GAMBLE COMPANY SPEER, EDGAR B.
	SEARS, ROEBUCK AND CO. BEERS, WILLIAM O.
WERNER, ROBERT L.	
	BANQUET FOODS CORP.
	CORONET INDUSTRIES, INC.
	CUSHMAN AND WAKEFIELD, INC.
	HERTZ CORPORATION
	LOUIS SHERRY INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 PANDOM HOUSE, INC.
 ARBUCKLE, ERNEST C.
 HEWLETT PACKARD CORP.

WELLS FARGO AND COMPANY

BOSWELL, JAMES G., II
 GENERAL ELECTRIC COMPANY

J. G. BOSWELL CO.
 SECURITY PACIFIC CORP.

WEBB, DEL E., DEVELOPMENT CO.
 CHUBB, PERCY, III
 CHUBB CORPORATION

COLONIAL LIFE INSURANCE CO.
 FEDERAL INSURANCE CO.

CATERPILLAR TRACTOR COMPANY
 PACKARD, DAVID
 CHASE MANHATTAN CORP.
 HEWLETT, WILLIAM R.
 CHRYSLER CORPORATION
 HEWLETT, WILLIAM R.
 FLORIDA POWER AND LIGHT COMPANY
 BENNETT, GEORGE F.
 FORD MOTOR CO.
 BENNETT, GEORGE F.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 BENNETT, GEORGE F.
 MIDDLE SOUTH UTILITIES, INC.
 BENNETT, GEORGE F.
 STANDARD OIL COMPANY OF CALIFORNIA
 PACKARD, DAVID
 TRANS WORLD AIRLINES, INC.
 PACKARD, DAVID
 FORD MOTOR CO.
 MILLER, ARJAY
 GENERAL ELECTRIC COMPANY
 LITTLEFIELD, EDMUND W.
 PACIFIC GAS AND ELECTRIC COMPANY
 COOLEY, RICHARD P.
 SOUTHERN PACIFIC COMPANY
 LITTLEFIELD, EDMUND W.
 TRANSAMERICA CORPORATION
 LANIGAR, MARY E.
 UAL, INC.
 COOLEY, RICHARD P.
 AMERICAN EXPRESS COMPANY
 HENLEY, HENRY H., JR.
 CHASE MANHATTAN CORP.
 LAZARUS, RALPH
 CHEMICAL NEW YORK CORPORATION
 HILLMAN, HENRY L.
 CITICORP
 WRISTON, WALTER B.
 FEDERATED DEPARTMENT STORES, INC.
 LAZARUS, RALPH
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 DANCE, WALKER D.
 MANUFACTURERS HANOVER CORPORATION
 HENLEY, HENRY H., JR.
 MORGAN, J. P., AND CO., INC.
 AUSTIN, J. PAUL
 DICKEY, CHARLES D., JR.
 PRESTON, LEWIS T.
 PENNEY, J. C., CO., INC.
 WRISTON, WALTER B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 PIERCE, SAMUEL RILEY, JR.
 SOUTHERN PACIFIC COMPANY
 LITTLEFIELD, EDMUND W.
 WELLS FARGO AND COMPANY
 LITTLEFIELD, EDMUND W.
 ATLANTIC RICHFIELD COMPANY
 BRADSHAW, THORNTON F.
 GOODYEAR TIRE AND RUBBER COMPANY
 ANDERSON, ROBERT B.
 PAN AMERICAN WORLD AIRWAYS, INC.
 ANDERSON, ROBERT B.
 RCA CORP.
 BRADSHAW, THORNTON F.
 SOUTHERN CALIFORNIA EDISON COMPANY
 LARKIN, FREDERICK G., JR.
 SMITH, H. RUSSELL
 VON HAGEN, RICHARD R.
 UNION PACIFIC CORPORATION
 LAWLER, OSCAR T.
 BANKERS TRUST NEW YORK CORP
 LAPHAM, LEWIS A.
 CHEMICAL NEW YORK CORPORATION
 MOSBACHER, EMIL, JR.
 CITICORP
 WRISTON, WALTER B.
 EASTERN AIRLINES, INC.
 PHALEN, CLIFTON W.
 GENERAL ELECTRIC COMPANY
 MICHELSON, GERTRUDE G.
 WRISTON, WALTER B.
 MOBIL CORPORATION
 LAPHAM, LEWIS A.
 PENNEY, J. C., CO., INC.
 WRISTON, WALTER B.
 BANKERS TRUST NEW YORK CORP
 LAPHAM, LEWIS A.
 CHEMICAL NEW YORK CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
RANDOM HOUSE, INC.

FIDELITY UNION TRUST CO.	MOSBACHER, EMIL, JR. MOBIL CORPORATION LAPHAM, LEWIS A. CONTINENTAL CORPORATION, THE EBERLE, EDWARD R. PRUDENTIAL INSURANCE CO. OF AMERICA DAVIS, C. MALCOLM PUBLIC SERVICE ELECTRIC AND GAS CO. DAVIS, C. MALCOLM EBERLE, EDWARD R.
UNITED LIFE & ACCIDENT CO. WOOD FORD FARM CO. CLAY, HENRY B. DE BRETTEVILLE, CHARLES AMFAC, INC.	MIDDLE SOUTH UTILITIES, INC. MERRILL, FRED H. WELLS FARGO AND COMPANY NEWMAN, ELLEN MAGNIN CONSOLIDATED FREIGHTWAYS, INC. HILL, PHILIP S. FORD MOTOR CO. TAYLOR, A. THOMAS PACIFIC GAS AND ELECTRIC COMPANY EAMES, ALFRED W. CONSOLIDATED FREIGHTWAYS, INC. HILL, PHILIP S. PACIFIC GAS AND ELECTRIC COMPANY EAMES, ALFRED W.
BANCAL TPI STATE COPP.	
BANK OF CALIFORNIA	
PACIFIC GAS AND ELECTRIC COMPANY	BANKAMERICA CORPORATION WENTE, KARL L. CROCKER NATIONAL CORPORATION SOLOMON, EMMETT G. METROPOLITAN LIFE INSURANCE COMPANY SOLOMON, EMMETT G. SOUTHERN PACIFIC COMPANY MILLER, RICHARD K. UAL, INC. COOLEY, RICHARD P. WELLS FARGO AND COMPANY COOLEY, RICHARD P. CATERPILLAR TRACTOR COMPANY BLACKIE, WILLIAM CHARTER NEW YORK CORP. BOOKOUT, JOHN F.
SHELL OIL COMPANY	
TRI-STATE CORP. GROVER, MALCALM P. HOOPES, LORENZO N. JONES, MARY GARDINER ALCON LABORATORIES INC. MCA, INC.	AMERICAN AIR LINES, INC. WASSERMAN, LEW R. BANKAMERICA CORPORATION LUNDBORG, LOUIS B. FIRST CHICAGO CORPORATION DRICK, JOHN E. TRANS WORLD AIRLINES, INC. THORTON, CHARLES B. WESTERN BANCORPORATION THORTON, CHARLES B.
LAPHAM, ROGER D., JR. CONGOLEUM CORPORATION	BANKERS TRUST NEW YORK CORP LAPHAM, LEWIS A. MOBIL CORPORATION LAPHAM, LEWIS A.
DUNCANSON & HOLT, INC. EDINBURG & GENERAL INVESTMENT CO., LTD. PACIFIC GENERAL DEVELOPMENT CO. ROCHDALE INSURANCE CO. WELLS FARGO AND COMPANY	FORD MOTOR CO. MILLER, ARJAY GENERAL ELECTRIC COMPANY LITTLEFIELD, EDMUND W. PACIFIC GAS AND ELECTRIC COMPANY COOLEY, RICHARD P. SOUTHERN PACIFIC COMPANY LITTLEFIELD, EDMUND W. TRANSAMERICA CORPORATION LANIGAR, MARY E. UAL, INC. COOLEY, RICHARD P.
MAGOWAN, MERRILL L. MAGOWAN, ROBERT A. BOSWELL, J. G., CO.	SOUTHERN PACIFIC COMPANY MORPHY, MICHAEL A. CITICORP HANLEY, JAMES W. CONSOLIDATED EDISON CO OF NEW YORK PERKINS, RICHARD S. GENERAL ELECTRIC COMPANY LITTLEFIELD, EDMUND W. GOODYEAR TIRE AND RUBBER COMPANY HAZARD, ELLISON L. INTERNATIONAL BUSINESS MACHINES CORP.
SOUTHERN PACIFIC COMPANY	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
RANDOM HOUSE, INC.

MITCHELL, W. S.
BANCAL TRI STATE CORP.

CHUBB CORPORATION

PACIFIC INDEMNITY CO.

PARKER, G. H.
REYNOLDS, QUENTIN
YOUNG, W. MAURICE
ATOMIC ENERGY OF CANADA LIMITED
BRITISH COLUMBIA DEVELOPMENT CORP.
CONSOLIDATED FREIGHTWAYS, INC.
FINNING TRACTOR AND EQUIPMENT CO., LTD.
NORTHERN TELECOM LIMITED

BETCHEL, STEPHEN D., JR.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
MUNROE, GEORGE B.
NEW YORK LIFE INSURANCE COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

CONSOLIDATED FREIGHTWAYS, INC.
HILL, PHILIP S.
FORD MOTOR CO.
TAYLOR, A. THOMAS
PACIFIC GAS AND ELECTRIC COMPANY
DE BRETTEVILLE, CHARLES
EAMES, ALFRED W.
SHELL OIL COMPANY
DE BRETTEVILLE, CHARLES
BANKERS TRUST NEW YORK CORP
LAPHAM, LEWIS A.
CHEMICAL NEW YORK CORPORATION
MOSEBACHER, EMIL, JR.
CITICORP
WRISTON, WALTER B.
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
GENERAL ELECTRIC COMPANY
MICHELSON, GERTPUDE G.
WRISTON, WALTER B.
MOBIL CORPORATION
LAPHAM, LEWIS A.
PENNEY, J. C., CO., INC.
WRISTON, WALTER B.
BANKAMERICA CORPORATION
MCDANIEL, THOMAS M., JR.
SECURITY PACIFIC CORP.
HARTNACK, CARL E.
SOUTHERN CALIFORNIA EDISON COMPANY
MCDANIEL, THOMAS M., JR.

CATERPILLAR TRACTOR COMPANY
SCRIVENER, ROBERT CARLTON
CHRYSLER CORPORATION
DEGRANDPRE, A. JEAN
UNITED STATES STEEL CORPORATION
SCRIVENER, ROBERT CARLTON

PINE POINT MINES LIMITED
ROYAL GENERAL INSURANCE CO OF CANADA
TORONTO-DOMINION BANK
CHRYSLER CORPORATION
DEGRANDPRE, A. JEAN

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SANTA FE INDUSTRIES, INC.

FREED, JOHN S.

GETZ, GEORGE F., JR.

GLOBE CORPORATION

HALE, PRENTIS C.

CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CARTER, EDWARD W.

ATLANTIC RICHFIELD COMPANY

HAWLEY, PHILLIP M.

BANKAMERICA CORPORATION

DI GIORGIO, ROBERT

NEW YORK LIFE INSURANCE COMPANY

MARCUS, STANLEY

PRUDENTIAL INSURANCE CO. OF AMERICA

WASSON, E. HORNSBY

SOUTHERN CALIFORNIA EDISON COMPANY

BARKER, NORMAN, JR.

CARTER, EDWARD W.

HALE, STANTON G.

STANDARD OIL COMPANY OF CALIFORNIA

WASSON, E. HORNSBY

UNION OIL COMPANY OF CALIFORNIA

DI GIORGIO, ROBERT

WESTERN BANCORPORATION

BARKER, NORMAN, JR.

CARTER, EDWARD W.

CROCKER NATIONAL CORPORATION

VAUGHN, JOHN V.

WELLS FARGO AND COMPANY

MILLER, PAUL A.

PACIFIC LIGHTING CORP.

SYNTEX CORP.

UNION OIL COMPANY OF CALIFORNIA

BANKAMERICA CORPORATION

DI GIORGIO, ROBERT

LAWRENCE, JOHN L.

AMERICAN PETROFINA, INC.

DRESSER INDUSTRIES, INC.

WESTERN ELECTRIC CO., INC.

BANKERS TRUST NEW YORK CORP

BICKMORE, LEE S.

CHARTER NEW YORK CORP.

BURCHAM, LESTER A.

EASTMAN KODAK COMPANY

KREPS, JUANITA M.

INTERNATIONAL HARVESTER COMPANY

RATTALIATA, JOHN T.

MORGAN, J. P., AND CO., INC.

PROCKNOW, DONALD E.

PENNEY, J. C., CO., INC.

KREPS, JUANITA M.

PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.

UNION PACIFIC CORPORATION

KENEFICK, JOHN C.

WOOLWORTH, F. W., CO.

BURCHAM, LESTER A.

GUSHMAN, JOHN LOUIS

PATTERSON, ELLMORE C.

ATCHINSON, TOPEKA & SANTA FE RAILWAY CO.

BETHLEHEM STEEL CORPORATION

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

CITICORP

JENKINS, GEORGE P.

COMMONWEALTH EDISON

WRIGHT, JOSEPH S.

CONTINENTAL ILLINOIS CORPORATION

WRIGHT, JOSEPH S.

DUPONT, E. I., DE NEMOURS AND CO.

MCCOY, CHARLES B.

METROPOLITAN LIFE INSURANCE COMPANY

JENKINS, GEORGE P.

MORGAN, J. P., AND CO., INC.

FOY, LEWIS W.

STANDARD OIL COMPANY OF INDIANA

WRIGHT, JOSEPH S.

CANADA LIFE ASSURANCE CO.

AMERICAN AIR LINES, INC.

LEITCH, JOHN D.

GULF OIL CORPORATION

MATTHEWS, BEVERLY

FEDERAL RESERVE BANK OF NEW YORK

METROPOLITAN LIFE INSURANCE COMPANY

SNEATH, WILLIAM S.

UNION CARBIDE CORPORATION

SNEATH, WILLIAM S.

GENERAL MOTORS CORP.

AMERICAN AIR LINES, INC.

FISCHER, CHARLES T., III

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

CHASE MANHATTAN CORP.

CONNOR, JOHN T.

SMITH, J. STANFORD

CITICORP

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SANTA FE INDUSTRIES, INC.

DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELTON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
UNITED STATES STEEL CORPORATION
BRANCH, HARLEE, JR.
DEBUTTS, JOHN D.
MORGAN, J. P., AND CO., INC. AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
STANDARD BRANDS, INC.
RATTALIATA, JOHN T.
AMSTED INDUSTRIES INC.
BANCO DI ROMA
BRUNSWICK CORP.
DESOTO INC.
INTERNATIONAL HARVESTER COMPANY
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BURLINGTON NORTHERN, INC.
INTERNATIONAL HARVESTER COMPANY
LANTERMAN, JOSEPH B.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
PHILLIPS, BERT E.
SEARS, ROEBUCK AND CO.
KINCANNON, JACK F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SANTA FE INDUSTRIES, INC.

	MENK, LOUIS W.
	COMMONWEALTH EDISON
	MCCORMICK, BROOKS
	CONTINENTAL ILLINOIS CORPORATION
	ANDERSON, ROGER E.
	POTTER, KEITH R.
	DUPONT, E. I., DE NEMOURS AND CO.
	BRIMMER, ANDREW F.
	EASTMAN KODAK COMPANY
	ANDERSON, ROGER E.
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	FIRST CHICAGO CORPORATION
	MCCORMICK, BROOKS
	MENK, LOUIS W.
	NORTHWEST BANCORPORATION
	SPENCER, EDSON W.
	UAL, INC.
	BRIMMER, ANDREW F.
	CHARTER NEW YORK CORP.
	STAUFFACHER, CHARLES B.
	INTERNATIONAL HARVESTER COMPANY
	LANTERMAN, JOSEPH B.
KEMPER CORP.	
LUMBERMEN'S MUTUAL CASUALTY CO.	
WESTERN ELECTRIC CO., INC.	BANKERS TRUST NEW YORK CORP
	BICKMORE, LEE S.
	CHARTER NEW YORK CORP.
	BURCHAM, LESTER A.
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	MORGAN, J. P., AND CO., INC.
	PROCKNOW, DONALD E.
	PENNEY, J. C., CO., INC.
	KREPS, JUANITA M.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PROCKNOW, DONALD E.
	UNION PACIFIC CORPORATION
	KENEFICK, JOHN C.
	WOOLWORTH, F. W., CO.
	BURCHAM, LESTER A.
	GUSHMAN, JOHN LOUIS
FEED, JOHN S.	
RUNNELLS, JOHN S.	
SISCO, JEAN HEAD	
MACKE CO.	
TEXTRON, INC.	UNITED STATES STEEL CORPORATION
	LARFY, F. HEATH
SWIFT, EDWARD F.	
CHICAGO CORP., THE	COMMONWEALTH EDISON
ILLINOIS TOOL WORKS, INC.	SMITH, EDWARD BYRON
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	INTERNATIONAL HARVESTER COMPANY
	SMITH, HAROLD BYRON
	VOSS, OMER G.
	NORFOLK AND WESTERN RAILWAY COMPANY
	STROTZ, ROBERT H.
THOMAS, STAFF	
WOELFLE, APHUR W.	ATLANTIC RICHFIELD COMPANY
FIRST CHICAGO CORPORATION	ANDERSON, ROBERT O.
	FREEMAN, GAYLORD
	INGERSOLL, ROBERT S.
	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	MORGAN, LEE L.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	MCCORMICK, BROOKS
	PRINCE, WILLIAM WOOD
	SWIFT, A. DEAN
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	GENERAL MOTORS CORP.
	SIVAGE, GERALD A.
	INTERNATIONAL HARVESTER COMPANY
	MCCORMICK, BROOKS
	MENK, LOUIS W.
	METROPOLITAN LIFE INSURANCE COMPANY
	SIVAGE, GERALD A.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
	UAL, INC.
	CARLSON, EDWARD E.
	STUART, ROBERT D., JR.
KRAFTCO CORP.	AMERICAN AIR LINES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SANTA FE INDUSTRIES, INC.

BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

ZWIENER, KENNETH V.
AMERICAN ELECTRIC POWER COMPANY, INC.
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
CBS, INC.
STANTON, FRANK
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
GAVIN, JAMES M.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK

AMERICAN HOSPITAL SUPPLY CORP. GENERAL ELECTRIC COMPANY
CATHCART, SILAS S.
INTERNATIONAL HARVESTER COMPANY
BAYS, KARL D.
MORGAN, GRAHAM J.
MOBIL CORPORATION
VAN DER EB, HENRY G.

KELLOGG CO.
CONSUMERS POWER COMPANY
AYMOND, A. H.
ROLL, LYLE C.
KRESGE, S. S., COMPANY
AYMOND, A. H.
NATIONAL DETROIT CORPORATION
AYMOND, A. H.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
AYMOND, A. H.
PHILLIPS PETROLEUM COMPANY
WHARTON, DOLORES D.

UNION TANK CAR CO.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEABOARD COAST LINE INDUSTRIES, INC.

BALDWIN, H. FURLONG

UNITED STATES FIDELITY & GUARANTY CO.

AMERICAN STORES COMPANY
GRAGG, WILLIFORD

CALDER, ALEXANDER JR.

BURLINGTON INDUSTRIES, INC.

CHASE MANHATTAN CORP.

MYERS, CHARLES F., JR.

UNION CARBIDE CORPORATION

JONES, HORACE C.

UNITED STATES STEEL CORPORATION

MYERS, CHARLES F., JR.

MORGAN, J. P., AND CO., INC.

BROWN, R. MANNING, JR.

NEW YORK LIFE INSURANCE COMPANY

BROWN, R. MANNING, JR.

SOUTHERN COMPANY

VOGTLE, ALVIN W., JR.

UNION CARBIDE CORPORATION

BROWN, R. MANNING, JR.

JONES, HORACE C.

UNION CAMP CORP.

DANIEL, J. J.

FLAGSHIP BANKS INC.

FLORIDA PUBLISHING CO.

GENERAL AMERICAN OIL CO. OF TEXAS

DANIEL, KENNETH R.

AMERICAN CAST IRON PIPE CO.

FIRST ALABAMA BANCSHARES INC.

DIAL, WILLIAM H.

FLORIDA GAS CO.

SUN BANKS OF FLORIDA, INC.

ECK, JOHN R.

MONSANTO CO.

CITICORP

HANLEY, JAMES W.

PALMER, EDWARD LEWIS

DUKE POWER CO

MICKEL, BUCK

SOUTHERN PACIFIC COMPANY

HANLEY, JAMES W.

TRANS WORLD AIRLINES, INC.

SOMMER, CHARLES H., JR.

UNION PACIFIC CORPORATION

PALMER, EDWARD LEWIS

FLEMING, SAM M.

NLT CORP.

THIRD NATIONAL BANK IN NASHVILLE

BRANIFF INTERNATIONAL CORPORATION

LAY, HERMAN W.

DUKE POWER CO

LAY, HERMAN W.

GOTWALD, FLOYD D., JR.

ETHYL CORP.

HATCH, EDWIN I.

CITY INVESTING CO.

FIRST NATIONAL HOLDING CORP.

EASTERN AIRLINES, INC.

SMITH, EDWARD D.

KROGER COMPANY, THE

SMITH, EDWARD D.

METROPOLITAN LIFE INSURANCE COMPANY

RAST, L. EDMUND

SEARS, ROEBUCK AND CO.

PRADO, A. M.

GEORGIA POWER CO.

EASTERN AIRLINES, INC.

SMITH, EDWARD D.

KROGER COMPANY, THE

SMITH, EDWARD D.

SOUTHERN COMPANY

MORRIS, WILLIAM S., III

PARKER, WILLIAM A., JR.

VOGTLE, ALVIN W., JR.

HOME INSURANCE CO.

CHEMICAL NEW YORK CORPORATION

RICE, WILLIAM THOMAS

SOUTHERN COMPANY

KELLY, ROGER M.

MERCANTILE BANK SHARES CORP

LASSITER, ROBERT, JR.

LUMPKIN, JOHN E.

SOUTH CAROLINA NATIONAL BANK

LYKES, CHARLES P.

FIRST FINANCIAL CORP. - TEXAS

LYKES BROS., INC.

LYKES YOUNGSTOWN CORP.

GOODYEAR TIRE AND RUBBER COMPANY

DEYOUNG, RUSSELL

TEXACO, INC.

MCCALL, HOWARD W., JR.

TAMPA ELECTRIC CO.

MCGUIRK, WILLIAM EDWARD, JR.

DUN AND BRADSTREET COMPANIES, INC.

BANKERS TRUST NEW YORK CORP

BROOKS, JOHN W.

THAYER, WALTER N.

BRANIFF INTERNATIONAL CORPORATION

THAYER, RUSSELL

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEABOARD COAST LINE INDUSTRIES, INC.

	GULF OIL CORPORATION SINGER, EDWIN UNION PACIFIC CORPORATION EVANS, JAMES H.
KIRK CORP LOUISVILLE & NASHVILLE RAILROAD CO. MERCANTILE BANK SHARES CORP MOUNT VERNON MILLS INC	GENERAL PUBLIC UTILITIES CORP. LANIER, GEORGE H., JR.
MICKEL, BUCK CITIZENS & SOUTHERN CORP COX CABLE COMMUNICATIONS, INC DANIEL INTERNATIONAL CO. DUKE POWER CO	BRANIFF INTERNATIONAL CORPORATION LAY, HERMAN W. CHEMICAL NEW YORK CORPORATION RICE, WILLIAM THOMAS CITICORP HANLEY, JAMES W. PALMER, EDWARD LEWIS SOUTHERN PACIFIC COMPANY HANLEY, JAMES W. TRANS WORLD AIRLINES, INC. SOMMER, CHARLES H., JR. UNION PACIFIC CORPORATION PALMER, EDWARD LEWIS
GRANITEVILLE COMPANY MONSANTO CO.	
MORTON, ROGERS C. B. OSBORN, PRIME FRANCIS, III ALICO INC. ETHYL CORP. FIRST KENTUCKY NATIONAL CORP. LOUISVILLE & NASHVILLE RAILROAD CO. RICHMOND FREDERICKSBURG & POTOMAC RAILROAD	CHESSIE SYSTEM, INC. WATKINS, HAYS T.
RADCLIFF, ROBERT H., JR. BLOUNT, INC. RADCLIFF MARINE SERVICES, INC. SOUTHERN COMPANY SOUTHERN INDUSTRIES CORP.	
RICE, WILLIAM THOMAS BORDEN, INC.	CBS, INC. BROWN, COURTNEY C. CHEMICAL NEW YORK CORPORATION MARUSI, AUGUSTINE R. RENCHARD, WILLIAM S. CONSOLIDATED EDISON CO OF NEW YORK RENCHARD, WILLIAM S. WIEN, LAWRENCE A. CONTINENTAL CORPORATION, THE STEWART, PATRICIA CARRY MANUFACTURERS HANOVER CORPORATION FINLEY, JAMES D. NEW YORK LIFE INSURANCE COMPANY FINLEY, JAMES D. RENCHARD, WILLIAM S. TRANS WORLD AIRLINES, INC. STEWART, PATRICIA CARRY UNION PACIFIC CORPORATION BROWN, COURTNEY C. WOOLWORTH, F. W., CO. CARRY, PATRICIA J.
CHEMICAL NEW YORK CORPORATION	AMERICAN EXPRESS COMPANY WALLACE, MARTHA REDFIELD WARNER, RAWLEIGH, JR. AMERICAN TELEPHONE AND TELEGRAPH COMPANY BROWN, CHARLES L. WARNER, RAWLEIGH, JR. ATLANTIC RICHFIELD COMPANY PLACE, JOHN B. M. CATERPILLAR TRACTOR COMPANY WARNER, RAWLEIGH, JR. CONSOLIDATED EDISON CO OF NEW YORK RENCHARD, WILLIAM S. WILLIAMS, FRANKLIN H. DUPONT, E. I., DE NEMOURS AND CO. BROWN, CHARLES L. EXXON CORPORATION PIERCY, GEORGE T. GENERAL ELECTRIC COMPANY HILLMAN, HENRY L. INTERNATIONAL BUSINESS MACHINES CORP. FUNSTON, G. KEITH LEARSON, T. VINCENT METROPOLITAN LIFE INSURANCE COMPANY FUNSTON, G. KEITH PLACE, JOHN B. M. MOBIL CORPORATION WARNER, RAWLEIGH, JR. NEW YORK LIFE INSURANCE COMPANY PIVIROTT, RICHARD R. RENCHARD, WILLIAM S. SEARS, ROEBUCK AND CO. BUTTON, JAMES W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF SEABOARD COAST LINE INDUSTRIES, INC.

	STANDARD OIL COMPANY OF INDIANA
	WOOD, RICHARD D.
	UNITED STATES STEEL CORPORATION
	WALKER, WILBERT A.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
FIRST & MERCHANTS CORP.	
FLORIDA FIRST NATIONAL OF JACKSONVILLE	
GRANITEVILLE COMPANY	DUKE POWER CO
	MICKEL, BUCK
HOME INSURANCE CO.	SOUTHERN COMPANY
	HATCH, EDWIN I.
ROE, EDWARD C.	
RUFFIN, PETER B.	
WILMINGTON SHOPPING CO.	
VOGTLE, ALVIN W., JR.	
ALABAMA POWER CO.	
	SOUTHERN COMPANY
	FARLEY, JOSEPH M.
	EASTERN AIRLINES, INC.
	SMITH, EDWARD D.
	KROGER COMPANY, THE
	SMITH, EDWARD D.
	SOUTHERN COMPANY
	HATCH, EDWIN I.
	MORRIS, WILLIAM S., III
	PARKER, WILLIAM A., JR.
PROTECTIVE LIFE INSURANCE CO.	
SOUTHERN COMPANY	
UNION CAMP COPP.	
	MORGAN, J. P., AND CO., INC.
	BROWN, R. MANNING, JR.
	NEW YORK LIFE INSURANCE COMPANY
	BROWN, R. MANNING, JR.
	UNION CARBIDE CORPORATION
	BROWN, R. MANNING, JR.
	JONES, HORACE C.
WOLBACH, WILLIAM W.	
BOSTON CO., INC.	
	CHASE MANHATTAN CORP.
	VERITY, CALVIN WILLIAM, JR.
	CONTINENTAL CORPORATION, THE
	HURLEY, DONALD J.
	FORD MOTOR CO.
	IACOCCA, LEE A.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	WISER, FORWOOD C., JR.
	INTERNATIONAL BUSINESS MACHINES CORP.
	FOX, JOHN M.
	PAN AMERICAN WORLD AIRWAYS, INC.
	WISER, FORWOOD C., JR.
	SHELL OIL COMPANY
	SPAGHT, MONROE E.
BOSTON SAFE DEPOSIT AND TRUST CO.	
STOP & SHOP COMPANIES, INC.	
	CONTINENTAL CORPORATION, THE
	HURLEY, DONALD J.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	CAHNERS, N. L.
SUFFOLK-FRANKLIN SAVINGS BANK	
WEST POINT-PEPPERELL, INC.	
	AMERICAN EXPRESS COMPANY
	ROBINSON, JAMES D., III
	ATLANTIC RICHFIELD COMPANY
	WILSON, KENDRICK R., JR.
	GENERAL ELECTRIC COMPANY
	LAWRENCE, JOHN E.
	UNION PACIFIC CORPORATION
	ROBINSON, JAMES D., III

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEARS, ROEBUCK AND CO.

AYERS, THOMAS G.

COMMONWEALTH EDISON

FIRST CHICAGO CORPORATION

NORTHWEST INDUSTRIES, INC.

SEARLE, G. D., & CO.

TRIBUNE COMPANY

ZENITH RADIO CORP.

BEERS, WILLIAM O.

ALLIS-CHALMERS CORP.

AMERICAN AIR LINES, INC.

KRAFTCO CORP.

BETHLEHEM STEEL CORPORATION

WRIGHT, JOSEPH S.

CONTINENTAL ILLINOIS CORPORATION

COREY, GORDON R.

WRIGHT, JOSEPH S.

EASTERN AIRLINES, INC.

PRINCE, WILLIAM WOOD

FIRST CHICAGO CORPORATION

MCCORMICK, BROOKS

PRINCE, WILLIAM WOOD

SWIFT, A. DEAN

INTERNATIONAL HARVESTER COMPANY

MCCORMICK, BROOKS

METROPOLITAN LIFE INSURANCE COMPANY

JOHNSON, G. E.

STANDARD OIL COMPANY OF INDIANA

WRIGHT, JOSEPH S.

ATLANTIC RICHFIELD COMPANY

ANDERSON, ROBERT O.

FREEMAN, GAYLORD

INGERSOLL, ROBERT S.

BURLINGTON NORTHERN, INC.

MENK, LOUIS W.

CATERPILLAR TRACTOR COMPANY

INGERSOLL, ROBERT S.

MORGAN, LEE L.

COMMONWEALTH EDISON

MCCORMICK, BROOKS

PRINCE, WILLIAM WOOD

SWIFT, A. DEAN

EASTERN AIRLINES, INC.

PRINCE, WILLIAM WOOD

FIRST BANK SYSTEM, INC.

MENK, LOUIS W.

GENERAL MOTORS CORP.

SIVAGE, GERALD A.

INTERNATIONAL HARVESTER COMPANY

MCCORMICK, BROOKS

MENK, LOUIS W.

METROPOLITAN LIFE INSURANCE COMPANY

SIVAGE, GERALD A.

SANTA FE INDUSTRIES, INC.

WOELFLE, ARTHUR W.

STANDARD OIL COMPANY OF INDIANA

ABBOUD, ROBERT A.

UAL, INC.

CARLSON, EDWARD E.

STUART, ROBERT D., JR.

ATLANTIC RICHFIELD COMPANY

FREEMAN, GAYLORD

CONTINENTAL ILLINOIS CORPORATION

BERE, JAMES F.

FIRST CHICAGO CORPORATION

FREEMAN, GAYLORD

GRAHAM, WILLIAM B.

GREY, JOHN D.

HEINEMAN, BEN W.

AETNA LIFE AND CASUALTY COMPANY

ROBICHAUD, BERYL (DR)

CONTINENTAL ILLINOIS CORPORATION

RENEKER, ROBERT W.

BETHLEHEM STEEL CORPORATION

WRIGHT, JOSEPH S.

COMMONWEALTH EDISON

WRIGHT, JOSEPH S.

CONTINENTAL ILLINOIS CORPORATION

WRIGHT, JOSEPH S.

FIRST CHICAGO CORPORATION

NEVIN, JOHN J.

STANDARD OIL COMPANY OF INDIANA

WRIGHT, JOSEPH S.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

STEVENSON, ROBERT S.

TRAVELERS INSURANCE COMPANY

SCOTT, DAVID C.

WILKINS, ROGER C.

DETROIT EDISON COMPANY

FISCHER, CHARLES T., III

EQUITABLE LIFE ASSURANCE

BURR, FRANCIS H.

FLEISCHMANN, MANLY

GENERAL MOTORS CORP.

FISCHER, CHARLES T., III

MARINE MIDLAND BANKS, INC.

SADLER, MARION

NATIONAL DETROIT CORPORATION

FISCHER, CHARLES T., III

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

ATLANTIC RICHFIELD COMPANY

INGERSOLL, ROBERT S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEARS, ROEBUCK AND CO.

BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
MANUFACTURERS HANOVER CORPORATION
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

MANUFACTURERS HANOVER CORPORATION
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
FEDEPATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
CONTINENTAL CORPORATION, THE
WILSON, F. PERRY
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERRY
UNION CARBIDE CORPORATION
WILSON, F. PERRY

SMITH, A. O., CORP.

UNITED STATES STEEL CORPORATION
AETNA LIFE AND CASUALTY COMPANY
FILER, JOHN H.
RODERICK, DAVID M.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
SPEER, EDGAR B.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHARTER NEW YORK CORP.
SMILEY, DONALD B.
CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
CHEMICAL NEW YORK CORPORATION
WALKER, WILBERT A.
CITICORP
DEBUTTS, JOHN D.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
FIRST BANK SYSTEM, INC.
HERZOG, RAYMOND H.
GENERAL MOTORS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEARS, ROEBUCK AND CO.

	BRANCH, HARLEE, JR.
	DEBUTTS, JOHN D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	MARTIN, WILLIAM MCCHESENEY, JR.
	MELLON NATIONAL CORPORATION
	GOTT, EDWIN H.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	NORTHWEST AIRLINES, INC.
	HERZOG, RAYMOND H.
	PROCTER AND GAMBLE COMPANY
	SPEER, EDGAR B.
	RCA CORP.
	SMILEY, DONALD B.
BOE, ARCHIE R.	
ALLSTATE INSURANCE CO.	
	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	COMMONWEALTH EDISON
	SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION
	SWIFT, A. DEAN
BUTTON, JAMES W.	
ALLSTATE INSURANCE CO.	
	COMMONWEALTH EDISON
	SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION
	LOWE, JOHN G.
	FIRST CHICAGO CORPORATION
	SWIFT, A. DEAN
CHEMICAL NEW YORK CORPORATION	AMERICAN EXPRESS COMPANY
	WALLACE, MARTHA REDFIELD
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	BROWN, CHARLES L.
	WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	CATEPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CONSOLIDATED EDISON CO OF NEW YORK
	RENCHARD, WILLIAM S.
	WILLIAMS, FRANKLIN H.
	DUPONT, E. I., DE NEMOURS AND CO.
	BROWN, CHARLES L.
	EXXON CORPORATION
	PIERCY, GEORGE T.
	GENERAL ELECTRIC COMPANY
	HILLMAN, HENRY L.
	INTERNATIONAL BUSINESS MACHINES CORP.
	FUNSTON, G. KEITH
	LEARSON, T. VINCENT
	METROPOLITAN LIFE INSURANCE COMPANY
	FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
	NEW YORK LIFE INSURANCE COMPANY
	PIVIROTT, RICHARD R.
	RENCHARD, WILLIAM S.
	SEABOARD COAST LINE INDUSTRIES, INC.
	RICE, WILLIAM THOMAS
	STANDARD OIL COMPANY OF INDIANA
	WOOD, RICHARD D.
	UNITED STATES STEEL CORPORATION
	WALKER, WILBERT A.
	WESTINGHOUSE ELECTRIC CORPORATION
	PIVIROTT, RICHARD R.
HARRIS BANKCORP INC.	INTERNATIONAL HARVESTER COMPANY
	LANTERMAN, JOSEPH B.
	STANDARD OIL COMPANY OF INDIANA
	BURNHAM, JOSEPH A.
HOMART DEVELOPMENT CO.	COMMONWEALTH EDISON
	SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	FIRST CHICAGO CORPORATION
	SWIFT, A. DEAN
SIMPSON-SEARS LTD.	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
DAVIES, ALFRED I.	
ENSEPCH CORP.	
REPUBLIC OF TEXAS CORP.	
	AMERICAN AIR LINES, INC.
	ASTON, JAMES W.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	BRIGHT, HARVEY R.
	NEW YORK LIFE INSURANCE COMPANY
	MARCUS, STANLEY
FOSTER, LUTHER H.	
COLLEGE RETIREMENT EQUITIES FUND	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEARS, ROEBUCK AND CO.
NORTON SIMON, INC.

JONES, RICHARD M.
ALLSTATE INSURANCE CO.

PHILADELPHIA NATIONAL BANK
KINCANNON, JACK F.
ALLSTATE INSURANCE CO.

DESOTO INC.

HOMART DEVELOPMENT CO.

MIDLAND BANCORPORATION
LOCHMOELLER, WILLIAM C.
ALLSTATE INSURANCE CO.

REPUBLIC NATIONAL BANK OF DALLAS
LOWE, JOHN G.
ALLSTATE INSURANCE CO.

BEKINS CO., THE

CROCKER NATIONAL CORPORATION

METCALF, GORDON M.
ALLSTATE INSURANCE CO.

HOMART DEVELOPMENT CO.

CHASE MANHATTAN CORP.
SHINN, RICHARD R.
FORD MOTOR CO.
MURPHY, FRANKLIN D.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
PHILLIPS PETROLEUM COMPANY
WILLIAMS, HAROLD M.

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN
INTEPNATIONAL HARVESTER COMPANY
PATTALIATA, JOHN T.
SANTA FE INDUSTRIES, INC.
PATTALIATA, JOHN T.
WESTERN ELECTRIC CO., INC.
PATTALIATA, JOHN T.
CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN
CROCKER NATIONAL CORPORATION
BEKINS, MILO W., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
NEW YORK LIFE INSURANCE COMPANY
HULL, JEROME W.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN
CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOF SEARS, ROEBUCK AND CO.

	CONTINENTAL ILLINOIS CORPORATION WOOD, ARTHUR M.
	FIRST CHICAGO CORPORATION SWIFT, A. DEAN
SEARS SAVINGS & PROFIT SHARING FUND TRW, INC.	BETHLEHEM STEEL CORPORATION MCCOY, CHARLES B.
	DETROIT EDISON COMPANY BACHER, ROBERT F.
	DUPONT, E. I., DE NEMOURS AND CO. MCCOY, CHARLES B.
	EASTMAN KODAK COMPANY ZORNOW, GERALD B.
	GOODYEAR TIRE AND RUBBER COMPANY METTLER, RUBEN F.
	MARINE MIDLAND BANKS, INC. ZOPNOW, GERALD B.
	PROCTER AND GAMBLE COMPANY SHEPARD, HORACE A.
MEYER, CHARLES A. ALLSTATE INSURANCE CO.	CHEMICAL NEW YORK CORPORATION BUTTON, JAMES W.
	COMMONWEALTH EDISON SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION WOOD, ARTHUR M.
	CROCKER NATIONAL CORPORATION LOWE, JOHN G.
	FIRST CHICAGO CORPORATION SWIFT, A. DEAN
DOW JONES AND CO., INC.	AMERICAN EXPRESS COMPANY MARTIN, WILLIAM MCCHESENEY, JR.
	CATERPILLAR TRACTOR COMPANY MARTIN, WILLIAM MCCHESENEY, JR.
	GENERAL ELECTRIC COMPANY AUSTIN, J. PAUL
	INTERNATIONAL BUSINESS MACHINES CORP. MARTIN, WILLIAM MCCHESENEY, JR.
	MOBIL CORPORATION RIORDAN, JAMES QUENTIN
	MORGAN, J. P., AND CO., INC. AUSTIN, J. PAUL
	UNITED STATES STEEL CORPORATION MARTIN, WILLIAM MCCHESENEY, JR.
GILLETTE CO.	CITICORP FOURAKER, LAWRENCE E.
	EASTMAN KODAK COMPANY MEYER, JOHN M., JR.
	FIRST NATIONAL BOSTON CORP. MOCKLER, COLMAN M., JR.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY MOCKLER, COLMAN M., JR.
	PAN AMERICAN WORLD AIRWAYS, INC. ADAMS, CHARLES F.
	RCA CORP. FOURAKER, LAWRENCE E.
	UNITED STATES STEEL CORPORATION MEYER, JOHN M., JR.
HOMART DEVELOPMENT CO.	CHEMICAL NEW YORK CORPORATION BUTTON, JAMES W.
	COMMONWEALTH EDISON SWIFT, A. DEAN
	CONTINENTAL ILLINOIS CORPORATION WOOD, ARTHUR M.
	FIRST CHICAGO CORPORATION SWIFT, A. DEAN
PACE, NORMA T. CHASE MANHATTAN CORP.	AMERICAN EXPRESS COMPANY FURLAUD, RICHARD M.
	CHRYSLER CORPORATION DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONTINENTAL CORPORATION, THE BARBER, CHARLES F.
	LILLEY, ROBERT D.
	EQUITABLE LIFE ASSURANCE EKLUND, C. G.
	EXXON CORPORATION KAUFFMAN, HOWARD C.
	FEDERATED DEPARTMENT STORES, INC. LAZARUS, RALPH
	GENERAL ELECTRIC COMPANY LAZARUS, RALPH
	GENERAL MOTORS CORP. CONNOR, JOHN T.
	SMITH, J. STANFORD
	INTERNATIONAL BUSINESS MACHINES CORP. HARRIS, PATRICIA R.
	METROPOLITAN LIFE INSURANCE COMPANY SHINN, RICHARD R.
	NORTHWEST AIRLINES, INC. BINGER, JAMES H.
	STANDARD OIL COMPANY OF INDIANA SWEARINGEN, JOHN E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEARS, ROEBUCK AND CO.

MILTON BRADLEY CO.
SPERRY RAND CORP.

PRADO, A. M.
ALLSTATE INSURANCE CO.

FIRST NATIONAL HOLDING CORP.

ROSENWALD, JULIUS, II
RUMSFELD, DONALD H.
SHULTZ, GEORGE P.
BECHTEL CORP. AND GROUP

MORGAN, J. P., AND CO., INC.

SPENCER, WILLIAM I.
ASIA PACIFIC CAPITAL CORP.
CITICORP

UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.

CHASE MANHATTAN CORP.
SHINN, RICHARD R.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN
EASTERN AIRLINES, INC.
SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
METROPOLITAN LIFE INSURANCE COMPANY
PAST, L. EDMUND
SEABOARD COAST LINE INDUSTRIES, INC.
HATCH, EDWIN I.
SOUTHERN COMPANY
HATCH, EDWIN I.

CROCKER NATIONAL CORPORATION
KONES, JEROME W.
AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEARS, ROEBUCK AND CO.

BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOURAKER, LAWRENCE E.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
EQUITABLE LIFE ASSURANCE
FEY, J. T.

DEPOSITORY TRUST CO.

FALCONBRIDGE NICKEL MINES LTD.
UNITED TECHNOLOGIES CORP.

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
SMITH, OLCOTT D.
CHARTER NEW YORK CORP.
WELLER, RALPH A.
CITICORP
GRAY, HARRY J.
EXXON CORPORATION
GRAY, HARRY J.
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
NORTHEAST UTILITIES
HENNESSY, EDWARD L., JR.
TRAVELERS INSURANCE COMPANY
FORD, T. MITCHELL
HEWITT, DAVID C.
SMITH, ARTHUR E.
WILKINS, ROGER C.

STERN, EDGAR B., JR.
INTERCHANGE REALTY CO., INC.
MERMENTAU MINERAL AND LAND CO., INC.
MISSION HILLS RANCH, INC.
ROYAL ST. LOUIS, INC.
ROYAL STREET CORP.
SOUTHERN STATES LAND AND TIMBER CORP.
STANCOURT CORP.
STANFORD COURT HOTEL MANAGEMENT CO., INC.
STARWOOD LAND CORP.

SWIFT, A. DEAN
ALLSTATE INSURANCE CO.

COMMONWEALTH EDISON

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
CONTINENTAL ILLINOIS CORPORATION
COREY, GORDON R.
WRIGHT, JOSEPH S.
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEARS, ROEBUCK AND CO.

FIRST CHICAGO CORPORATION

HOMART DEVELOPMENT CO.

TELLING, EDWARD R.
ALLSTATE INSURANCE CO.

AMERICAN CAN COMPANY

HOMART DEVELOPMENT CO.

WANDS, THOMAS F.
JOHNSON, E. F., CO.
LEASEWAY TRANSPORTATION CORP.
LEASEWAY TRANSPORTATION CORP.
TERMINAL FREIGHT HANDLING CO.
WOOD, ARTHUR M.
ALLSTATE INSURANCE CO.

AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
INTERNATIONAL HARVESTEE COMPANY
MCCORMICK, BROOKS
METROPOLITAN LIFE INSURANCE COMPANY
JOHNSON, G. E.
STANDARD OIL COMPANY OF INDIANA
WRIGHT, JOSEPH S.
ATLANTIC RICHFIELD COMPANY
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
MORGAN, LEE L.
COMMONWEALTH EDISON
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
INTERNATIONAL HARVESTEE COMPANY
MCCORMICK, BROOKS
MENK, LOUIS W.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.
UAL, INC.
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN
AMERICAN EXPRESS COMPANY
ETHERINGTON, EDWIN D.
WALLACE, MARTHA REDFIELD
BANKERS TRUST NEW YORK CORP
MAY, WILLIAM F.
MOORE, WILLIAM H.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
FEDERATED DEPARTMENT STORES, INC.
LACHMAN, LAWRENCE
INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BROOKFIELD, DUTTON
CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
WOOD, ARTHUR M.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
COMMONWEALTH EDISON
SWIFT, A. DEAN
CROCKER NATIONAL CORPORATION
LOWE, JOHN G.
FIRST CHICAGO CORPORATION
SWIFT, A. DEAN

CONTINENTAL ILLINOIS CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SEARS, ROEBUCK AND CO.

	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HEWITT, WILLIAM A.
	BETHLEHEM STEEL CORPORATION
	WRIGHT, JOSEPH S.
	COMMONWEALTH EDISON
	COREY, GORDON R.
	WRIGHT, JOSEPH S.
	CONTINENTAL OIL COMPANY
	HEWITT, WILLIAM A.
	EASTMAN KODAK COMPANY
	ANDERSON, ROGER E.
	INTERNATIONAL BUSINESS MACHINES CORP.
	RIZZO, PAUL J.
	INTERNATIONAL HARVESTER COMPANY
	ANDERSON, ROGER E.
	POTTER, KEITH R.
	STANDARD OIL COMPANY OF INDIANA
	MALOTT, ROBERT H.
	WRIGHT, JOSEPH S.
	YARRINGTON, BLAINE J.
	TRANS WORLD AIRLINES, INC.
	LAFONTANT, JEWEL S.
HOMART DEVELOPMENT CO.	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
	COMMONWEALTH EDISON
	SWIFT, A. DEAN
	FIRST CHICAGO CORPORATION
	SWIFT, A. DEAN
QUAKER OATS CO.	FIRST CHICAGO CORPORATION
	STUART, ROBERT D., JR.
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	MICHELSON, GERTRUDE G.
	SCRIBNER, GILBERT H., JR.
	UAL, INC.
	STUART, ROBERT D., JR.
SIMPSON-SEARS LTD.	CHEMICAL NEW YORK CORPORATION
	BUTTON, JAMES W.
WURMSTEDT, CHARLES C.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SECURITY PACIFIC CORP.

ANDERSON, ROBERT B.
CELANESE CORP.

ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
BANKERS TRUST NEW YORK CORP
JORDAN, VERNON E., JR.
CHASE MANHATTAN CORP.
LILLEY, ROBERT D.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
CONTINENTAL CORPORATION, THE
LILLEY, ROBERT D.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
PENNEY, J. C., CO., INC.
JORDAN, VERNON E., JR.

GOODYEAR TIRE AND RUBBER COMPANY

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DODD, EDWIN D.
MANUFACTURERS HANOVER CORPORATION
PILLIOD, CHARLES JULE, JR.
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
PROCTER AND GAMBLE COMPANY
GEIR, PHILLIP O., JR.
HARPER, JOHN DICKESON
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.

HOSPITAL CORP. OF AMERICA

CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.

PAN AMERICAN WORLD AIRWAYS, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
KENDALL, DONALD M.
STANTON, FRANK
BANKAMERICA CORPORATION
DILLINGHAM, LOWELL S.
CBS, INC.
STANTON, FRANK
TREE, MARIETTA
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
WISER, FORWOOD C., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
MARINE MIDLAND BANKS, INC.
LINOWITZ, SOL M.
NEW YORK LIFE INSURANCE COMPANY
STANTON, FRANK
MELLON NATIONAL CORPORATION
ROCKWELL, WILLARD F., JR.
MOBIL CORPORATION
DONNELL, EDWARD S.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
UNION OIL COMPANY OF CALIFORNIA
HARTLEY, FRED L.
WESTERN BANCORPORATION
MUDD, HENRY T.

ROCKWELL INTERNATIONAL CORP.

BERGEN, RICHARD C.
BOSWELL, JAMES G., II
GENERAL ELECTRIC COMPANY

AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
CHASE MANHATTAN CORP.
LAZARUS, RALPH
CHEMICAL NEW YORK CORPORATION
HILLMAN, HENRY L.
CITICORP
WRISTON, WALTER B.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
DANCE, WALKER D.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MORGAN, J. P., AND CO., INC.
AUSTIN, J. PAUL
DICKEY, CHARLES D., JR.
PRESTON, LEWIS T.
PENNEY, J. C., CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOP SECURITY PACIFIC CORP.

J. G. BOSWELL CO. SAFEWAY STORES, INC.	WRISTON, WALTER B. PRUDENTIAL INSURANCE CO. OF AMERICA PIERCE, SAMUEL RILEY, JR. SOUTHERN PACIFIC COMPANY LITTLEFIELD, EDMUND W. WELLS FARGO AND COMPANY LITTLEFIELD, EDMUND W.
	CONSOLIDATED FREIGHTWAYS, INC. YOUNG, W. MAURICE PACIFIC GAS AND ELECTRIC COMPANY DE BRETTEVILLE, CHARLES SHELL OIL COMPANY DE BRETTEVILLE, CHARLES SOUTHERN PACIFIC COMPANY MAGOWAN, ROBERT A. WELLS FARGO AND COMPANY ARBUCKLE, ERNEST C. LAPHAM, ROGER D., JR.
WEBB, DEL E., DEVELOPMENT CO. BRADSHAW, THORNTON F. ATLANTIC RICHFIELD COMPANY	AMERICAN ELECTRIC POWER COMPANY, INC. STANTON, FRANK CATERPILLAR TRACTOR COMPANY INGERSOLL, ROBERT S. CBS, INC. STANTON, FRANK CHEMICAL NEW YORK CORPORATION PLACE, JOHN B. M. FIRST CHICAGO CORPORATION ANDERSON, ROBERT O. FREEMAN, GAYLORD INGERSOLL, ROBERT S. METROPOLITAN LIFE INSURANCE COMPANY PLACE, JOHN B. M. NEW YORK LIFE INSURANCE COMPANY STANTON, FRANK PAN AMERICAN WORLD AIRWAYS, INC. KENDALL, DONALD M. STANTON, FRANK
CHAMPION INTERNATIONAL CORP.	DUPONT, E. I., DE NEMOURS AND CO. JOHNSON, H. W. FEDERATED DEPARTMENT STORES, INC. JOHNSON, H. W. FIRST NATIONAL BOSTON CORP. CHARPIE, ROBERT A. GOODYEAR TIRE AND RUBBER COMPANY GERSTENMAIER, JOHN H. JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY JOHNSON, H. W. MORGAN, J. P., AND CO., INC. JOHNSON, H. W. WESTINGHOUSE ELECTRIC CORPORATION BENDETSEN, KARL R.
NATIONAL BROADCASTING CO., INC.	CHARTER NEW YORK CORP. SMILEY, DONALD B. CITICORP FOURAKER, LAWRENCE E. METROPOLITAN LIFE INSURANCE COMPANY SMILEY, DONALD B. RCA CORP. FOURAKER, LAWRENCE E. GRIFFITHS, EDGAR H. KENNEDY, WILLIAM J., III SELBY, CECILY C. SMILEY, DONALD B. UNITED STATES STEEL CORPORATION SMILEY, DONALD B. CHARTER NEW YORK CORP. SMILEY, DONALD B. CITICORP FOURAKER, LAWRENCE E. MARINE MIDLAND BANKS, INC. PETTY, JOHN ROBERT METROPOLITAN LIFE INSURANCE COMPANY SMILEY, DONALD B. UNITED STATES STEEL CORPORATION SMILEY, DONALD B.
RCA CORP.	
BRODY, SIDNEY F. BRODY MANAGEMENT CO. UMET TRUST DUCOMMUN, CHARLES F. DUCOMMUN INC. PACIFIC TELEPHONE & TELEGRAPH CO.	ATLANTIC RICHFIELD COMPANY HAWLEY, PHILLIP M. BANKAMERICA CORPORATION DI GIORGIO, ROBERT CROCKER NATIONAL CORPORATION HULL, JEROME W. SMITH, WILLIAM FRENCH SOLOMON, EMMETT G. METROPOLITAN LIFE INSURANCE COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SECURITY PACIFIC CORP.

FLAMSON, RICHARD J., III
KAUFFMAN & BROAD, INC.
NORTHROP CORP.

HARTNACK, CARL E.
PACIFIC INDEMNITY CO.

WHITTAKER CORP.
JACKSON, ROBERT C.
TELEDYNE, INC.

JENNINGS, FRED C.
KECK, WILLIAM M., JR.
CANADIAN SUPERIOR OIL, LTD.
MCINTYRE MINES LTD.
SUPERIOR OIL CO.
LARKIN, FREDERICK G., JR.
CARNATION CO.

GETTY OIL CO.

ROCKWELL INTERNATIONAL CORP.

SOUTHERN CALIFORNIA EDISON COMPANY

TRICONTINENTAL CORP., LTD.
WESTERN AMERICAN BANK, LTD.
LAWLER, OSCAR T.
UNION PACIFIC CORPORATION

MCDANIEL, GLEN
AIR PRODUCTS & CHEMICALS INC.
LITTON INDUSTRIES, INC.

SOLOMON, EMMETT G.
NEW YORK LIFE INSURANCE COMPANY
HULL, JEROME W.
PACIFIC GAS AND ELECTRIC COMPANY
HASS, WALTER A.
SOLOMON, EMMETT G.
SOUTHERN CALIFORNIA EDISON COMPANY
HALE, STANTON G.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

BANKAMERICA CORPORATION
MCDANIEL, THOMAS M., JR.
SOUTHERN CALIFORNIA EDISON COMPANY
MCDANIEL, THOMAS M., JR.

BANKAMERICA CORPORATION
MCDANIEL, THOMAS M., JR.
SAFEWAY STORES, INC.
MITCHELL, W. S.
SOUTHERN CALIFORNIA EDISON COMPANY
MCDANIEL, THOMAS M., JR.

GULF OIL CORPORATION
KOZMETDSKY, GEORGE

SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
AHMANSON, H. F., AND COMPANY
EVEY, STUART W.
TOPPING, NORMAN
BANKAMERICA CORPORATION
MEDBERRY, C. J.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
MELLON NATIONAL CORPORATION
ROCKWELL, WILLARD F., JR.
MOBIL CORPORATION
DONNELL, EDWARD S.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
UNION OIL COMPANY OF CALIFORNIA
HARTLEY, FRED L.
WESTERN BANCORPORATION
MUDD, HENRY T.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
BANKAMERICA CORPORATION
MCDANIEL, THOMAS M., JR.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
CARTER, EDWARD W.
HORTON, JACK K.

AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
CBS, INC.
BROWN, COURTNEY C.
LOVETT, ROBERT A.
CHARTER NEW YORK CORP.
MITCHELL, HAMILTON B.
CITICORP
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
WESTERN BANCORPORATION
ROTH, ROBERT W.
WESTERN ELECTRIC CO., INC.
KENEFICK, JOHN C.

AHMANSON, H. F., AND COMPANY
TOPPING, NORMAN
NORTHWESTERN MUTUAL LIFE INSURANCE CO
WRIGHT, J. O.
PACIFIC GAS AND ELECTRIC COMPANY
COOK, RANSOM M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SECURITY PACIFIC CORP.

	TRANS WORLD AIRLINES, INC.
	THORTON, CHARLES B.
	WESTERN BANCORPORATION
	THOPTON, CHARLES B.
SMITH, H. RUSSELL	
AVERY INTERNATIONAL CORP.	
BECKMAN INSTRUMENTS, INC.	GREAT WESTERN FINANCIAL CORPORATION
	STANLEY, LOWELL
SOUTHERN CALIFORNIA EDISON COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CARTER, EDWARD W.
	BANKAMERICA CORPORATION
	MCDANIEL, THOMAS M., JR.
	WESTERN BANCORPORATION
	BARKER, NORMAN, JR.
	CARTER, EDWARD W.
	HORTON, JACK K.
UNITEK CORP.	
STUART, DWIGHT L.	
CARNATION CO.	SOUTHERN CALIFORNIA EDISON COMPANY
	BARKER, NORMAN, JR.
	LARKIN, FREDERICK G., JR.
	WESTERN BANCORPORATION
	BARKER, NORMAN, JR.
VON HAGEN, RICHARD R.	
PETROLANE INC.	GREAT WESTERN FINANCIAL CORPORATION
	STANLEY, LOWELL
SOUTHERN CALIFORNIA EDISON COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CARTER, EDWARD W.
	BANKAMERICA CORPORATION
	MCDANIEL, THOMAS M., JR.
	WESTERN BANCORPORATION
	BARKER, NORMAN, JR.
	CARTER, EDWARD W.
	HORTON, JACK K.
SOVEREIGN CORP.	
UNITED STATES BANCORP	BURLINGTON NORTHERN, INC.
	WILSON, ROBERT B.
WILSON, JOHN C., JR.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SHELL OIL COMPANY

BLACKBURN, C. L.
BLACKIE, WILLIAM
AMPEX CORP.

CATERPILLAR TRACTOR COMPANY

GENESCO INC.
BOOKOUT, JOHN F.
CHAPTER NEW YORK CORP.

COOK, C. W.
AMF INC.

GENERAL FOODS CORP.

GULF OIL CORPORATION
PEARSON, NATHAN W.
MELLON NATIONAL CORPORATION
PEARSON, NATHAN W.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.
EXXON CORPORATION
FRANKLIN, WILLIAM H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
MORGAN, LEE L.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON

GENERAL TELEPHONE AND ELECTRONICS CORP.
BROPHY, THEODORE F.
KNOWLES, JOHN H., M.D.
MURPHY, GEORGE A.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHEAST UTILITIES
SILLIN, LELAN F., JR.
RCA CORP.
SMILEY, DONALD B.
UNION PACIFIC CORPORATION
MITCHELL, HAMILTON B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.
WESTERN ELECTRIC CO., INC.
BURCHAM, LESTER A.
WOOLWORTH, F. W., CO.
BURCHAM, LESTER A.
WALLIS, GORDON T.

CHESSIE SYSTEM, INC.
DECKER, ALONZO G., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.
MANUFACTURERS HANOVER CORPORATION
MCGILLICUDDY, JOHN F.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SHELL OIL COMPANY

	CLARK, HOWARD L. TAVOULAREAS, WILLIAM P. UNION CARBIDE CORPORATION FERGUSON, JAMES L. HOLLAND, JEROME HEARTWELL UNITED STATES STEEL CORPORATION MARTIN, WILLIAM MCCHESENEY, JR. MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY PHILLIPS, BERT E.
WHIRLPOOL CORP.	
DE BRETTEVILLE, CHARLES AMFAC, INC.	
	MIDDLE SOUTH UTILITIES, INC. MERRILL, FRED H. WELLS FARGO AND COMPANY NEWMAN, ELLEN MAGNIN CONSOLIDATED FREIGHTWAYS, INC. HILL, PHILIP S. FORD MOTOR CO. TAYLOR, A. THOMAS PACIFIC GAS AND ELECTRIC COMPANY EAMES, ALFRED W. SAFEGWAY STORES, INC. MITCHELL, W. S. CONSOLIDATED FREIGHTWAYS, INC. HILL, PHILIP S. PACIFIC GAS AND ELECTRIC COMPANY EAMES, ALFRED W.
BANCAL TRI STATE CORP.	
BANK OF CALIFORNIA	
PACIFIC GAS AND ELECTRIC COMPANY	
	BANKAMERICA CORPORATION WENTE, KARL L. CROCKER NATIONAL CORPORATION SOLOMON, EMMETT G. METROPOLITAN LIFE INSURANCE COMPANY SOLOMON, EMMETT G. SOUTHERN PACIFIC COMPANY MILLER, RICHARD K. UAL, INC. COOLEY, RICHARD P. WELLS FARGO AND COMPANY COOLEY, RICHARD P. CONSOLIDATED FREIGHTWAYS, INC. YOUNG, W. MAURICE GENERAL ELECTRIC COMPANY BOSWELL, JAMES G., II SECURITY PACIFIC CORP. BOSWELL, JAMES G., II SOUTHERN PACIFIC COMPANY MAGOWAN, ROBERT A. WELLS FARGO AND COMPANY ARBUCKLE, ERNEST C. LAPHAM, ROGER D., JR.
SAFEGWAY STORES, INC.	
TRI-STATE CORP.	
DE BRUYNE, D.	
ROYAL DUTCH PETROLEUM CO.	
	AMERICAN EXPRESS COMPANY MARTIN, WILLIAM MCCHESENEY, JR. CATERPILLAR TRACTOR COMPANY MARTIN, WILLIAM MCCHESENEY, JR. INTERNATIONAL BUSINESS MACHINES CORP. MARTIN, WILLIAM MCCHESENEY, JR. UNITED STATES STEEL CORPORATION MARTIN, WILLIAM MCCHESENEY, JR.
DOMINICK, PETER H. GWINN, WILLIAM P. MCFADZEAN, SIR FRANK MCGUIRE, HAROLD F. SPAGHT, MONROE E. AMERICAN STANDARD INC.	
	BANKERS TRUST NEW YORK CORP LENON, RICHARD A. CHEMICAL NEW YORK CORPORATION MARUSI, AUGUSTINE R. WALKER, WILBERT A. CONSUMERS POWER COMPANY CUTLER, E. NEWTON, JR. MANUFACTURERS HANOVER CORPORATION LAPORTE, WILLIAM F. UNITED STATES STEEL CORPORATION WALKER, WILBERT A. WINGATE, HENRY S. CHASE MANHATTAN CORP. VERITY, CALVIN WILLIAM, JR. CONTINENTAL CORPORATION, THE HURLEY, DONALD J. FORD MOTOR CO. IACOCCA, LEE A. GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC. WISER, FORWOOD C., JR. INTERNATIONAL BUSINESS MACHINES CORP. FOX, JOHN M. PAN AMERICAN WORLD AIRWAYS, INC. WISER, FORWOOD C., JR. SEABOARD COAST LINE INDUSTRIES, INC. WOLBACH, WILLIAM W. AMERICAN EXPRESS COMPANY MARTIN, WILLIAM MCCHESENEY, JR. CATERPILLAR TRACTOR COMPANY
BOSTON CO., INC.	
ROYAL DUTCH PETROLEUM CO.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SHELL OIL COMPANY

MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

ST. CLAIR, J. E.
STERLING, J. E. WALLACE
DEAN, WITTER AND CO., INC.
FUND AMERICAN CO.
WAGNER, G. A.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
CARNATION CO.

CAPTER HAWLEY HALE STORES, INC.

UNITED CALIFORNIA BANK

WESTERN BANCORPORATION

CARTER, EDWARD W.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
STUART, DWIGHT L.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
HALE, PRENTIS C.
WESTERN BANCORPORATION
CARTER, EDWARD W.
AMERICAN EXPRESS COMPANY
DUBAIN, MYRON
SOUTHERN PACIFIC COMPANY
MORPHY, MICHAEL A.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON
WESTERN BANCORPORATION
KELLER, GEORGE M.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
TRANS WORLD AIRLINES, INC.
THORTON, CHARLES B.
UNION PACIFIC CORPORATION
ROTH, ROBERT W.

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN CALIFORNIA EDISON COMPANY

TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.

CARTER HAWLEY HALE STORES, INC.

ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
HALE, PRENTIS C.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
TRANS WORLD AIRLINES, INC.
THOPTON, CHARLES B.
UNION PACIFIC CORPORATION
ROTH, ROBERT W.

WESTERN BANCORPORATION

CHRISTOPHER, WARREN
COBERLY, WILLIAM B., JR.
CALIFORNIA COTTON OIL CORP.
COBERLY-WEST CO.
DRINKWATER, TERFELL C.
GOULD, WILLIAM R.
HALE, STANTON G.
CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
HALE, PRENTIS C.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
CARTER, EDWARD W.

PACIFIC TELEPHONE & TELEGRAPH CO.

ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
SMITH, WILLIAM FRENCH
SOLOMON, EMMETT G.
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
NEW YORK LIFE INSURANCE COMPANY
HULL, JEROME W.
PACIFIC GAS AND ELECTRIC COMPANY
HASS, WALTER A.
SOLOMON, EMMETT G.
SECURITY PACIFIC CORP.
DUCOMMUN, CHARLES F.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

HILLS, CARLA A.
SIGNAL COMPANIES, INC.

PHILLIPS PETROLEUM COMPANY
WILLIAMS, HAROLD M.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON

HORTON, JACK F.

LOCKHEED AIRCRAFT CORPORATION ATLANTIC RICHFIELD COMPANY
DOWNER, JOSEPH P.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GOODYEAR TIRE AND RUBBER COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN CALIFORNIA EDISON COMPANY

	HAZARD, ELLISON L.
	GREAT WESTERN FINANCIAL CORPORATION
	SHAW, LESLIE N.
	MERRILL LYNCH AND COMPANY, INC.
	HAACK, ROBERT WILLIAM
	SOUTHERN PACIFIC COMPANY
	HAZARD, ELLISON L.
WESTERN BANCORPORATION	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	CARTER, EDWARD W.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	STANDARD OIL COMPANY OF CALIFORNIA
	KELLER, GEORGE M.
	TRANS WORLD AIRLINES, INC.
	THORTON, CHARLES B.
	UNION PACIFIC CORPORATION
	ROTH, ROBERT W.
LARKIN, FREDERICK G., JR.	SECURITY PACIFIC CORP.
CARNATION CO.	STUART, DWIGHT L.
	WESTERN BANCORPORATION
	BARKER, NORMAN, JR.
GETTY OIL CO.	AHMANNSON, H. F., AND COMPANY
	EVEY, STUART W.
	TOPPING, NORMAN
	BANKAMERICA CORPORATION
	MEDBERRY, C. J.
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	SCHIFF, JOHN M.
ROCKWELL INTERNATIONAL CORP.	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	MELLON NATIONAL CORPORATION
	ROCKWELL, WILLARD F., JR.
	MOBIL CORPORATION
	DONNELL, EDWARD S.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	UNION OIL COMPANY OF CALIFORNIA
	HARTLEY, FRED L.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
SECURITY PACIFIC CORP.	ATLANTIC RICHFIELD COMPANY
	BRADSHAW, THORNTON F.
	GENERAL ELECTRIC COMPANY
	BOSWELL, JAMES G., II
	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	RCA CORP.
	BRADSHAW, THORNTON F.
	SAFEGWAY STORES, INC.
	BOSWELL, JAMES G., II
	UNION PACIFIC CORPORATION
	LAWLER, OSCAR T.
TRICONTINENTAL CORP., LTD.	CHRYSLER CORPORATION
WESTERN AMERICAN BANK, LTD.	HALABY, NAJEEB E.
MCDANIEL, THOMAS M., JR.	DUPONT, E. I., DE NEMOURS AND CO.
BANKAMERICA CORPORATION	BRIMMER, ANDREW F.
	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	OCCIDENTAL PETROLEUM CORPORATION
	STEWART, SAMUEL BRADFORD
	PACIFIC GAS AND ELECTRIC COMPANY
	WENTE, KARL L.
	PAN AMERICAN WORLD AIRWAYS, INC.
	DILLINGHAM, LOWELL S.
	STANDARD OIL COMPANY OF CALIFORNIA
	GRAY, JOHN R.
	UAL, INC.
	BRIMMER, ANDREW F.
	UNION OIL COMPANY OF CALIFORNIA
	DI GIORGIO, ROBERT
DILLINGHAM CORP.	BANKAMERICA CORPORATION
	DILLINGHAM, LOWELL S.
	PAN AMERICAN WORLD AIRWAYS, INC.
	DILLINGHAM, LOWELL S.
NORTHROP CORP.	SECURITY PACIFIC CORP.
	FLAMSON, RICHARD J., III
PACIFIC INDEMNITY CO.	SAFEGWAY STORES, INC.
	MITCHELL, W. S.
	SECURITY PACIFIC CORP.
	HARTNACK, CARL E.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN CALIFORNIA EDISON COMPANY

NEWMAN, JOHN V.

PHIPPS, GERALD H.

RIO GRANDE INDUSTRIES, INC.

SEGERSTROM, HENRY T.

SMITH, H. RUSSELL

AVERY INTERNATIONAL CORP.

BECKMAN INSTRUMENTS, INC.

SECURITY PACIFIC CORP.

UNITEK CORP.

VON HAGEN, RICHARD R.

PETROLANE INC.

SECURITY PACIFIC CORP.

SOVEREIGN CORP.

UNITED STATES BANCORP

WATSON, A. J., JR.

GREAT WESTERN FINANCIAL CORPORATION

STANLEY, LOWELL

ATLANTIC RICHFIELD COMPANY

BRADSHAW, THORNTON F.

GENERAL ELECTRIC COMPANY

BOSWELL, JAMES G., II

GOODYEAR TIRE AND RUBBER COMPANY

ANDERSON, ROBERT B.

PAN AMERICAN WORLD AIRWAYS, INC.

ANDERSON, ROBERT B.

RCA CORP.

BRADSHAW, THORNTON F.

SAFEWAY STORES, INC.

BOSWELL, JAMES G., II

UNION PACIFIC CORPORATION

LAWLER, OSCAR T.

GREAT WESTERN FINANCIAL CORPORATION

STANLEY, LOWELL

ATLANTIC RICHFIELD COMPANY

BRADSHAW, THORNTON F.

GENERAL ELECTRIC COMPANY

BOSWELL, JAMES G., II

GOODYEAR TIRE AND RUBBER COMPANY

ANDERSON, ROBERT B.

PAN AMERICAN WORLD AIRWAYS, INC.

ANDERSON, ROBERT B.

RCA CORP.

BRADSHAW, THORNTON F.

SAFEWAY STORES, INC.

BOSWELL, JAMES G., II

UNION PACIFIC CORPORATION

LAWLER, OSCAR T.

BURLINGTON NORTHERN, INC.

WILSON, ROBERT B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN COMPANY

ANDERSON, PEYTON T.
DANIEL, VICTOR J., JR.
MISSISSIPPI POWER & LIGHT CO. BURLINGTON NORTHERN, INC.
WILSON, ROBERT B.
MIDDLE SOUTH UTILITIES, INC.
PERCY, LEROY P.

DANTZLER, ALFRED F.
MISSISSIPPI POWER & LIGHT CO. BURLINGTON NORTHERN, INC.
WILSON, ROBERT B.
MIDDLE SOUTH UTILITIES, INC.
PERCY, LEROY P.

ELLIS, ROBERT F., JR.
FARLEY, JOSEPH M.
ALABAMA BANCORPORATION
ALABAMA POWER CO.
HATCH, EDWIN I.
CITY INVESTING CO.
FIRST NATIONAL HOLDING CORP.

GEORGIA POWER CO.
HOME INSURANCE CO.
SEABOARD COAST LINE INDUSTRIES, INC.
CHEMICAL NEW YORK CORPORATION
RICE, WILLIAM THOMAS
DUKE POWER CO
MICKEL, BUCK

LILLY, CLYDE A., JR.
MCTYERIRE, WILLIAM W., JR.
MORRIS, WILLIAM S., III
GEORGIA POWER CO.

PARKER, WILLIAM A., JR.
GEORGIA POWER CO.

PATILLO, HOOPER GORDON
CUTLER-HAMMER, INC.

RADCLIFF, ROBERT H., JR.
BLOUNT, INC.
RADCLIFF MARINE SERVICES, INC.
SEABOARD COAST LINE INDUSTRIES, INC.
CHEMICAL NEW YORK CORPORATION
RICE, WILLIAM THOMAS
DUKE POWER CO
MICKEL, BUCK

RAINWATER, CRAWFORD
RUSHTON, WILLIAM H., III
SAMPFORD, FRANK P., JR.
DELWOOD FURNITURE CO. INC.
SAUNDERS LEASING SYSTEM, INC.
SHOOK, ALFRED M., III
ALABAMA BANCORPORATION
VEREEN, W. C., JR.
FLOWERS INDUSTRIES, INC.
MOULTRIE COTTON MILLS
RIVERSIDE INDUSTRIES, INC.
VOGTLE, ALVIN W., JR.
ALABAMA POWER CO.
GEORGIA POWER CO.

SOUTHERN RAILWAY COMPANY
BOND, WILLIAM ROBERT

EASTERN AIRLINES, INC.
SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
METROPOLITAN LIFE INSURANCE COMPANY
RAST, L. EDMUND
SEARS, ROEBUCK AND CO.
PPADO, A. M.
EASTERN AIRLINES, INC.
SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
SEABOARD COAST LINE INDUSTRIES, INC.
VOGTLE, ALVIN W., JR.
CHEMICAL NEW YORK CORPORATION
RICE, WILLIAM THOMAS
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
CHEMICAL NEW YORK CORPORATION
RICE, WILLIAM THOMAS
DUKE POWER CO
MICKEL, BUCK

EASTERN AIRLINES, INC.
SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
SEABOARD COAST LINE INDUSTRIES, INC.
HATCH, EDWIN I.
VOGTLE, ALVIN W., JR.

EASTERN AIRLINES, INC.
SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
SEABOARD COAST LINE INDUSTRIES, INC.
HATCH, EDWIN I.
VOGTLE, ALVIN W., JR.

CITICORP
SMITH, DARWIN E.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
INTERNATIONAL HARVESTER COMPANY
HANSEN, ARTHUR GENE
NORTHWESTERN MUTUAL LIFE INSURANCE CO
FERGUSON, FRANCIS E.
WRIGHT, J. O.

EASTERN AIRLINES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN COMPANY

SMITH, EDWARD D.
KROGER COMPANY, THE
SMITH, EDWARD D.
SEABOARD COAST LINE INDUSTRIES, INC.
HATCH, EDWIN I.

PROTECTIVE LIFE INSURANCE CO.
SEABOARD COAST LINE INDUSTRIES, INC.

CHEMICAL NEW YORK CORPORATION
RICE, WILLIAM THOMAS
DUKE POWER CO
MICKEL, BUCK

UNION CAMP CORP.

MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
SEABOARD COAST LINE INDUSTRIES, INC.
CALDER, ALEXANDER JR.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
JONES, HORACE C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN PACIFIC COMPANY
BETCHEL, STEPHEN D., JR.
HANNA MINING CO.

AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
GULF OIL CORPORATION
PEARSON, NATHAN W.
INTERNATIONAL BUSINESS MACHINES CORP.
MOORE, WILLIAM H.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MELLON NATIONAL CORPORATION
PEARSON, NATHAN W.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
NATIONAL DETROIT CORPORATION
STINSON, GEORGE A.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.

INTERNATIONAL BUSINESS MACHINES CORP.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
BANKERS TRUST NEW YORK CORP
MOORE, WILLIAM H.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA R.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
RIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, J. P., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS J., JR.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

BIAGGINI, B. F.
TENNECO, INC.

EVANS, THOMAS M., JR.
CRANE CO.

NORTHWEST BANCORPORATION
HANCOCK, THOMAS

BANKERS TRUST NEW YORK CORP
LAPHAM, LEWIS A.
MOBIL CORPORATION
LAPHAM, LEWIS A.
NORFOLK AND WESTERN RAILWAY COMPANY
SUTPHIN, SAMUEL REID

MISSOURI PORTLAND CEMENT CO.
PORTER, H. K., CO., INC.
FURTH, ALAN C.
HANLEY, JAMES W.
CITICORP

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN PACIFIC COMPANY

WRISTON, WALTER B.
 GENERAL MOTORS CORP.
 DEBUTTS, JOHN D.
 HATFIELD, ROBERT S.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 SHAPIRO, IRVING S.
 METROPOLITAN LIFE INSURANCE COMPANY
 JENKINS, GEORGE P.
 MOBIL CORPORATION
 SHELDON, ELEANOR H. B.
 NEW YORK LIFE INSURANCE COMPANY
 THOMAS, FRANKLIN A.
 PENNEY, J. C., CO., INC.
 SEIBERT, DONALD VINCENT
 WRISTON, WALTER B.
 PROCTER AND GAMBLE COMPANY
 OELMAN, ROBERT S.
 RCA CORP.
 FOUPAKER, LAWRENCE E.
 SEARS, ROEBUCK AND CO.
 SPENCER, WILLIAM I.
 STANDARD OIL COMPANY OF CALIFORNIA
 HAYNES, HAROLD J.
 PIGOTT, CHARLES M.
 UNION PACIFIC CORPORATION
 BARNETT, FRANK E.
 PALMER, EDWARD LEWIS
 UNITED STATES STEEL CORPORATION
 DEBUTTS, JOHN D.
 WESTINGHOUSE ELECTRIC CORPORATION
 MILLIKEN, ROGER
 CHASE MANHATTAN CORP.
 SHINN, RICHARD R.
 METROPOLITAN LIFE INSURANCE COMPANY
 SHINN, RICHARD R.
 CITICORP
 PALMER, EDWARD LEWIS
 DUKE POWER CO
 MICKEL, BUCK
 SEABOARD COAST LINE INDUSTRIES, INC.
 ECK, JOHN R.
 MICKEL, BUCK
 TRANS WORLD AIRLINES, INC.
 SOMMER, CHARLES H., JR.
 UNION PACIFIC CORPORATION
 PALMER, EDWARD LEWIS
 MAY DEPT. STORES CO.
 MONSANTO CO.
 SO. PACIFIC TRANSPORTATION CO.
 HAZARD, ELLISON L.
 CONTINENTAL GROUP, INC.
 CITICORP
 HATFIELD, ROBERT S.
 SEIBERT, DONALD VINCENT
 EASTMAN KODAK COMPANY
 HATFIELD, ROBERT S.
 GENERAL ELECTRIC COMPANY
 PARKER, JACK S.
 GENERAL MOTORS CORP.
 HATFIELD, ROBERT S.
 GENERAL PUBLIC UTILITIES CORP.
 HAYFORD, WAPREN J.
 GOODYEAR TIRE AND RUBBER COMPANY
 DEYOUNG, RUSSELL
 SMITH, LLOYD B.
 MANUFACTURERS HANOVER CORPORATION
 LYET, J. PAUL
 MELLON NATIONAL CORPORATION
 BYROM, FLETCHER L.
 NORTHEAST UTILITIES
 BENSON, LUCY WILSON
 NORTHWESTERN MUTUAL LIFE INSURANCE CO
 BYROM, FLETCHER L.
 PENNEY, J. C., CO., INC.
 SEIBERT, DONALD VINCENT
 GOODYEAR TIRE AND RUBBER COMPANY
 GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
 DODD, EDWIN D.
 MANUFACTURERS HANOVER CORPORATION
 PILLIOD, CHARLES JULE, JR.
 MELLON NATIONAL CORPORATION
 HARPER, JOHN DICKESON
 METROPOLITAN LIFE INSURANCE COMPANY
 HARPER, JOHN DICKESON
 PAN AMERICAN WORLD AIRWAYS, INC.
 ANDERSON, ROBERT B.
 PROCTER AND GAMBLE COMPANY
 GEIR, PHILLIP O., JR.
 HARPER, JOHN DICKESON
 SECURITY PACIFIC CORP.
 ANDERSON, ROBERT B.
 LOCKHEED AIRCRAFT CORPORATION ATLANTIC RICHFIELD COMPANY
 DOWNER, JOSEPH P.
 CHEMICAL NEW YORK CORPORATION
 NEWMAN, JAMES WILSON
 GREAT WESTERN FINANCIAL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN PACIFIC COMPANY

ISAACS, KENNETH L.	SHAW, LESLIE N.
LITTLEFIELD, EDMUND W.	MERRILL LYNCH AND COMPANY, INC.
CYPRUS PIMA MINING CO.	HAACK, ROBERT WILLIAM
	SOUTHERN CALIFORNIA EDISON COMPANY
	HORTON, JACK K.
	WESTERN BANCORPORATION
	HORTON, JACK K.
GENERAL ELECTRIC COMPANY	UNION OIL COMPANY OF CALIFORNIA
	PARKER, CHARLES F.
	AMERICAN EXPRESS COMPANY
	HENLEY, HENRY H., JR.
	CHASE MANHATTAN CORP.
	LAZARUS, RALPH
	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	CITICORP
	WRISTON, WALTER B.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	DANCE, WALKER D.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MORGAN, J. P., AND CO., INC.
	AUSTIN, J. PAUL
	DICKEY, CHARLES D., JR.
	PRESTON, LEWIS T.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PIERCE, SAMUEL RILEY, JR.
	SAFEWAY STORES, INC.
	BOSWELL, JAMES G., II
	SECURITY PACIFIC CORP.
INDUSTRIAL INDEMNITY CO.	BOSWELL, JAMES G., II
	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	WELLS FARGO AND COMPANY
	BRIDGES, ROBERT L.
MARCONA CORP.	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
UTAH INTERNATIONAL, INC.	CHASE MANHATTAN CORP.
	HEWLETT, WILLIAM R.
	CHRYSLER CORPORATION
	HEWLETT, WILLIAM R.
	FORD MOTOR CO.
	MILLER, ARJAY
	MOBIL CORPORATION
	BORCH, FRED J.
	UNION PACIFIC CORPORATION
	ECCLES, GEORGE S.
	WELLS FARGO AND COMPANY
	MILLER, ARJAY
WELLS FARGO AND COMPANY	FORD MOTOR CO.
	MILLER, ARJAY
	PACIFIC GAS AND ELECTRIC COMPANY
	COOLEY, RICHARD P.
	SAFEWAY STORES, INC.
	ARBUCKLE, ERNEST C.
	LAPHAM, ROGER D., JR.
	TRANSAMERICA CORPORATION
	LANIGAR, MARY E.
	UAL, INC.
	COOLEY, RICHARD P.
MAGOWAN, ROBERT A.	CONSOLIDATED FREIGHTWAYS, INC.
BOSWELL, J. G., CO.	YOUNG, W. MAURICE
SAFEWAY STORES, INC.	GENERAL ELECTRIC COMPANY
	BOSWELL, JAMES G., II
	PACIFIC GAS AND ELECTRIC COMPANY
	DE BRETTEVILLE, CHARLES
	SECURITY PACIFIC CORP.
	BOSWELL, JAMES G., II
	SHELL OIL COMPANY
	DE BRETTEVILLE, CHARLES
	WELLS FARGO AND COMPANY
	ARBUCKLE, ERNEST C.
	LAPHAM, ROGER D., JR.
MILLER, RICHARD K.	BANKAMERICA CORPORATION
PACIFIC GAS AND ELECTRIC COMPANY	WENTE, KARL L.
	CROCKER NATIONAL CORPORATION
	SOLOMON, EMMETT G.
	METROPOLITAN LIFE INSURANCE COMPANY
	SOLOMON, EMMETT G.
	SAFEWAY STORES, INC.
	DE BRETTEVILLE, CHARLES
	SHELL OIL COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN PACIFIC COMPANY

DE BRETTEVILLE, CHARLES
UAL, INC.
COOLEY, RICHARD P.
WELLS FARGO AND COMPANY
COOLEY, RICHARD P.

MONROE, GEORGE B.
NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICEFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.
CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.

MORPHY, MICHAEL A.
BOSWELL, J. G., CO.

CALIFORNIA PORTLAND CEMENT CO.
UNITED CALIFORNIA BANK

SAFEGWAY STORES, INC.
MAGOWAN, ROBERT A.

AMERICAN EXPRESS COMPANY
DUBAIN, MYRON
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
KELLEY, GEORGE M.

MUDD, HENRY T.
CYPRUS MINES CORP.
ENVIRODYNE, INC.
JACOBS ENGINEERING GROUP, INC.
MAPCONA CORP.

GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
MELLON NATIONAL CORPORATION
ROCKWELL, WILLARD F., JR.
MOBIL CORPORATION
DONNELL, EDWARD S.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
LARKIN, FREDERICK G., JR.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
UNION OIL COMPANY OF CALIFORNIA
HARTLEY, FRED L.

SOUTHERN RAILWAY COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DAVIS, ARCHIE K.
CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.

UNION OIL CORP.
WESTERN BANCORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
SOUTHERN CALIFORNIA EDISON COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN PACIFIC COMPANY

BARKER, NORMAN, JR.
CARTER, EDWARD W.
HORTON, JACK K.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
TRANS WORLD AIRLINES, INC.
THORTON, CHARLES B.
UNION PACIFIC CORPORATION
ROTH, ROBERT W.

MUNROE, GEORGE B.
JOHNS MANVILLE CORP.

BANKERS TRUST NEW YORK CORP
MAY, WILLIAM F.
MORGAN, J. P., AND CO., INC.
SCHPOEDER, JOHN P.

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEEPS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPE, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.

NEW YORK LIFE INSURANCE CO.
PHELPS DODGE CORP.

CITICORP
PALMER, EDWARD LEWIS
MELLON NATIONAL CORPORATION
REA, WILLIAM H.
MORGAN, J. P., AND CO., INC.
SCHROEDER, JOHN P.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS

SOUTHERN PERU COPPER CORP.
WESTERN NUCLEAR, INC.
PERKINS, RICHARD S.
ALLIED CHEMICAL CORP.

CHARTER NEW YORK CORP.
GIBLIN, E. BURKE
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SHINN, RICHARD R.
GENERAL MOTORS CORP.
CONNOR, JOHN T.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NORFOLK AND WESTERN RAILWAY COMPANY
FISCHWICK, JOHN P.

CONSOLIDATED EDISON CO OF NEW YORK

CHEMICAL NEW YORK CORPORATION
RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
CONTINENTAL CORPORATION, THE
PAINE, PETER S.
EQUITABLE LIFE ASSURANCE
MUMFORD, MILTON C.
FORD MOTOR CO.
HEISKELL, MARIAN S.
MANUFACTURERS HANOVER CORPORATION
BEINECKE, WILLIAM S.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.
NEW YORK LIFE INSURANCE COMPANY
RENCHARD, WILLIAM S.
UAL, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN PACIFIC COMPANY

HOSPITAL CORP. OF AMERICA	LUCE, CHARLES F. GOODYEAR TIRE AND RUBBER COMPANY ANDERSON, ROBERT B. PAN AMERICAN WORLD AIRWAYS, INC. ANDERSON, ROBERT B. SECURITY PACIFIC CORP. ANDERSON, ROBERT B.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	CHRYSLER CORPORATION BRYAN, ANTHONY J. A. SOUTHERN RAILWAY COMPANY BRYAN, ANTHONY J. A.
NEW YORK LIFE INSURANCE COMPANY	AMERICAN ELECTRIC POWER COMPANY, INC. STANTON, FRANK ATLANTIC RICHFIELD COMPANY STANTON, FRANK BURLINGTON NORTHERN, INC. BUDD, J. M. CBS, INC. STANTON, FRANK THOMAS, FRANKLIN A. CHEMICAL NEW YORK CORPORATION PIVIROTT, RICHARD R. RENCHARD, WILLIAM S. CHRYSLER CORPORATION HAUGE, GABRIEL CITICORP THOMAS, FRANKLIN A. CONSOLIDATED EDISON CO OF NEW YORK RENCHARD, WILLIAM S. CROCKER NATIONAL CORPORATION HULL, JEROME W. MANUFACTURERS HANOVER CORPORATION FINLEY, JAMES D. HAUGE, GABRIEL MITCHELL, DAVID W. MORGAN, J. P., AND CO., INC. BROWN, R. MANNING, JR. PAN AMERICAN WORLD AIRWAYS, INC. STANTON, FRANK UNION CARBIDE CORPORATION BROWN, R. MANNING, JR. WESTINGHOUSE ELECTRIC CORPORATION PIVIROTT, RICHARD R.
SCANDINAVIAN SECURITIES CORP.	AMERICAN EXPRESS COMPANY MARTIN, WILLIAM MCCHESENEY, JR. CATERPILLAR TRACTOR COMPANY MARTIN, WILLIAM MCCHESENEY, JR. INTERNATIONAL BUSINESS MACHINES CORP. MARTIN, WILLIAM MCCHESENEY, JR. UNITED STATES STEEL CORPORATION MARTIN, WILLIAM MCCHESENEY, JR.
UNA CORP	
SWINDELLS, WILLIAM	
OMARK INDUSTRIES INC.	FIRST CHICAGO CORPORATION GREY, JOHN D.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN RAILWAY COMPANY

BOND, WILLIAM ROBERT
ALABAMA BANCORPORATION

ASARCO, INC.

FIRST NATIONAL BANK OF BIRMINGHAM
IDEAL BASIC INDUSTRIES, INC.
MEAD CORP.

BROSAN, WILLIAM D.
BRYAN, ANTHONY J. A.
CAMERON IRON WORKS, INC.

CHRYSLER CORPORATION

FIRST CITY BANCORPORATION OF TEXAS INC.

GREAT SOUTHERN CORP.
HAMILTON BROTHERS PETROLEUM CORP.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

BRYAN, D. TENNANT
BRYAN BROTHERS, INC.
MEDIA GENERAL, INC.

CRANE, L. STANLEY
AMERICAN SECURITY CORP.

RICHMOND-WASHINGTON CO.
DAVIS, ARCHIE K.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

SOUTHERN COMPANY

FARLEY, JOSEPH M.
SHOOK, ALFRED M., III
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.

CHASE MANHATTAN CORP.
BARBER, CHARLES F.
BUTCHER, WILLARD C.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.

CHASE MANHATTAN CORP.
VERITY, CALVIN WILLIAM, JR.
EQUITABLE LIFE ASSURANCE
ALLEN, IVAN, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
BEITZEL, GEORGE B.

EASTERN AIRLINES, INC.
BORMAN, FRANK
ELKINS, JAMES A.
TENNECO, INC.
ALLEN, HERBERT
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPLE, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
JOHNSON, BELTON K.
EASTERN AIRLINES, INC.
ELKINS, JAMES A.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
HAMILTON, FREDERIC C.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DAVIS, ARCHIE K.

BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
PROCTER AND GAMBLE COMPANY
MCGHEE, GEORGE C.
TRANS WORLD AIRLINES, INC.
MCGHEE, GEORGE C.
UAL, INC.
BRIMMER, ANDREW F.

AMERICAN EXPRESS COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF SOUTHERN RAILWAY COMPANY

WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
SEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
SEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDBOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN HANCO CORPORATION
CARTER, EDWARD W.

CHATHAM MFG. CO.
JORDON SPINNING CO.
MEDIA GENERAL, INC.
REYNOLDS, R. J., INDUSTRIES, INC.

CHASE MANHATTAN CORP.
MACOMBER, JOHN D.
MYERS, CHARLES F., JR.
EASTMAN KODAK COMPANY
KEEPS, JUANITA M.
FEDERATED DEPARTMENT STORES, INC.
LINGLE, WALTER L., JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BUTLER, A. L., JR.
PENNEY, J. C., CO., INC.
KEEPS, JUANITA M.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.
WESTERN ELECTRIC CO., INC.
KEEPS, JUANITA M.

SELLERS MFG. CO.
WACHOVIA CORP.

CHASE MANHATTAN CORP.
MYERS, CHARLES F., JR.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
WATLINGTON, J. E. JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BUTLER, A. L., JR.
UNION CARBIDE CORPORATION
JONES, HORACE C.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.

DEBUTTS, HARRY A.
HAMILTON, R. S.
HOWARD, LEONARD F.
HOWARD ASSOCIATES
IRELAND, R. I.
AIRCO, INC.
AMERICAN SECURITY CORP.

BANAMERICA CORPORATION
BRIMMER, ANDREW F.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN RAILWAY COMPANY

	INTERNATIONAL HARVESTER COMPANY
	BRIMMER, ANDREW F.
	PROCTER AND GAMBLE COMPANY
	MCGHEE, GEORGE C.
	TRANS WORLD AIRLINES, INC.
	MCGHEE, GEORGE C.
	UAL, INC.
	BRIMMER, ANDREW F.
BROWN BROS. HARRIMAN & CO.	AMERICAN EXPRESS COMPANY
	ROOSA, ROBERT V.
	CBS, INC.
	LOVETT, ROBERT A.
	TEXACO, INC.
	ROOSA, ROBERT V.
	UNION PACIFIC CORPORATION
	LOVETT, ROBERT A.
DRY DOCK SAVINGS BANK	ATLANTIC RICHFIELD COMPANY
	WILSON, KENDRICK R., JR.
	FEDERATED DEPARTMENT STORES, INC.
	LACHMAN, LAWRENCE
	MANUFACTURERS HANOVER CORPORATION
	MITCHELL, DAVID W.
	NEW YORK LIFE INSURANCE COMPANY
	MITCHELL, DAVID W.
	PENNEY, J. C., CO., INC.
	AXELSON, KENNETH S.
HANNA MINING CO.	AMERICAN ELECTRIC POWER COMPANY, INC.
	BOESCHENSTEIN, WILLIAM W.
	BANKERS TRUST NEW YORK CORP
	MOORE, WILLIAM H.
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	FORD MOTOR CO.
	BENNETT, GEORGE F.
	GULF OIL CORPORATION
	PEARSON, NATHAN W.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BETCHEL, STEPHEN D., JR.
	MOORE, WILLIAM H.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	KROGER COMPANY, THE
	BOESCHENSTEIN, WILLIAM W.
	MELLON NATIONAL CORPORATION
	PEARSON, NATHAN W.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
	NATIONAL DETROIT CORPORATION
	STINSON, GEORGE A.
	SOUTHERN PACIFIC COMPANY
	BETCHEL, STEPHEN D., JR.
PROVIDENT LOAN SOCIETY OF NEW YORK	
LEACH, RALPH F.	
CONTINENTAL CORPORATION, THE	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	HOLLAND, JEROME HEARTWELL
	CHASE MANHATTAN CORP.
	BARBER, CHARLES F.
	LILLEY, ROBERT D.
	CHRYSLER CORPORATION
	HOLLAND, JEROME HEARTWELL
	CONSOLIDATED EDISON CO OF NEW YORK
	PAINE, PETER S.
	FEDERATED DEPARTMENT STORES, INC.
	HOLLAND, JEROME HEARTWELL
	MANUFACTURERS HANOVER CORPORATION
	HOLLAND, JEROME HEARTWELL
	RICKER, JOHN B., JR.
	WILSON, F. PERRY
	ZIPF, GEORGE G.
	PUBLIC SERVICE ELECTRIC AND GAS CO.
	EBEFLE, EDWARD R.
	SIVERD, CLIFFORD D.
	WENTWORTH, NATHAN A.
	TRANS WORLD AIRLINES, INC.
	STEWART, PATRICIA CARRY
	UNION CARBIDE CORPORATION
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
MORGAN, J. P., AND CO., INC.	AETNA LIFE AND CASUALTY COMPANY
	SMITH, OLCOTT D.
	BETHLEHEM STEEL CORPORATION
	FOY, LEWIS W.
	PATTERSON, ELLMORE C.
	BURLINGTON NORTHERN, INC.
	DAVISON, DANIEL P.
	DUPONT, E. I., DE NEMOURS AND CO.
	JOHNSON, H. W.
	EASTMAN KODAK COMPANY
	FALLON, WALTER A.
	FEDERATED DEPARTMENT STORES, INC.
	JOHNSON, H. W.
	FORD MOTOR CO.
	BURGESS, CARTER L.
	GENERAL ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN RAILWAY COMPANY

AUSTIN, J. PAUL
DICEY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CAPY, FRANK T.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

NIAGARA MOHAWK POWER CORPORATION
MARINE MIDLAND BANKS, INC.
DUFFY, EDWARD W.
AETNA LIFE AND CASUALTY COMPANY
TAYLOR, HOBART, JR.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
TAYLOR, HOBART, JR.
WESTINGHOUSE ELECTRIC CORPORATION
TAYLOR, HOBART, JR.

LEISENRING, EDWARD BARNES, JR.
FIDELCOR INC.
FIDELITY BANK
IU INTERNATIONAL CORP.
KEWANEE INDUSTRIES, INC.
PENN VA. CORP.
SKF INDUSTRIES, INC.
WESTMORELAND COOL CO.
WHITEHALL CEMENT MANUFACTURING CO.

MCAIR, ROBERT E.
AIRCO, INC.
GEORGIA-PACIFIC CORP.

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
WATLINGTON, J. E. JR.
PACIFIC GAS AND ELECTRIC COMPANY
HAIT, JAMES M.

MUDD, HENRY T.
CYPRUS MINES CORP.
ENVIRODYNE, INC.
JACOBS ENGINEERING GROUP, INC.
MARCONA CORP.

GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
MELLON NATIONAL CORPORATION
ROCKWELL, WILLARD F., JR.
MOBIL CORPORATION
DONNELL, EDWARD S.
PAN AMERICAN WORLD AIRWAYS, INC.
ANDERSON, ROBERT B.
SECURITY PACIFIC CORP.
ANDERSON, ROBERT B.
LARKIN, FREDERICK G., JR.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.
UNION OIL COMPANY OF CALIFORNIA
HARTLEY, FRED L.

ROCKWELL INTERNATIONAL CORP.

SOUTHERN PACIFIC COMPANY
CITICORP
HANLEY, JAMES W.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
MUNROE, GEORGE B.
NEW YORK LIFE INSURANCE COMPANY
MUNROE, GEORGE B.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR SOUTHERN RAILWAY COMPANY

PERKINS, RICHARD S.
PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SAFEWAY STORES, INC.
MAGOWAN, ROBERT A.
TENNECO, INC.
BIAGGINI, B. F.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.

UNION OIL CORP.
WESTERN BANCORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
CARTER, EDWARD W.
HORTON, JACK K.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
TRANS WORLD AIRLINES, INC.
THORNTON, CHARLES B.
UNION PACIFIC CORPORATION
ROTH, ROBERT W.

PAUL, GEORGE S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR STANDARD OIL COMPANY OF CALIFORNIA

BELL, HOWARD W.

BOWER, DONALD L.

FUNKHOUSER, LAWRENCE W.

GRAY, JOHN R.

AMERICAN GILSONITE CO.

BANKAMERICA CORPORATION

HAYNES, HAROLD J.

BOEING CO.

CITICORP

STANFORD RESEARCH INST.

HILL, KENNETH E.

OFFSHORE CO.

TIDEWATER MARINE SERVICE, INC. MISSOURI PACIFIC CORPORATION

KELLER, GEORGE M.

CHRYSLER CORPORATION

HALABY, NAJEEB E.

DUPONT, E. I., DE NEMOURS AND CO.

BRIMMER, ANDREW F.

INTERNATIONAL HARVESTER COMPANY

BRIMMER, ANDREW F.

OCCIDENTAL PETROLEUM CORPORATION

STEWART, SAMUEL BRADFORD

PACIFIC GAS AND ELECTRIC COMPANY

WENTE, KARL L.

PAN AMERICAN WORLD AIRWAYS, INC.

DILLINGHAM, LOWELL S.

SOUTHERN CALIFORNIA EDISON COMPANY

MCDANIEL, THOMAS M., JR.

UAL, INC.

BRIMMER, ANDREW F.

UNION OIL COMPANY OF CALIFORNIA

DI GIORGIO, ROBERT

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

BATTEN, WILLIAM M.

BURLINGTON NORTHERN, INC.

REED, WILLIAM G.

CITICORP

PIGOTT, CHARLES M.

PENNEY, J. C., CO., INC.

BATTEN, WILLIAM M.

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

DEBUTTS, JOHN D.

BETHELEHEM STEEL CORPORATION

JENKINS, GEORGE P.

CBS, INC.

THOMAS, FRANKLIN A.

DUPONT, E. I., DE NEMOURS AND CO.

SHAPIRO, IRVING S.

EASTMAN KODAK COMPANY

HATFIELD, ROBERT S.

EQUITABLE LIFE ASSURANCE

SHELDON, ELEANOR H. B.

EXXON CORPORATION

GARVIN, CLIFTON C., JR.

GRAY, HARRY J.

FORD MOTOR CO.

OLMAN, ROBERT S.

GENERAL ELECTRIC COMPANY

WRISTON, WALTER B.

GENERAL MOTORS CORP.

DEBUTTS, JOHN D.

HATFIELD, ROBERT S.

INTERNATIONAL BUSINESS MACHINES CORP.

BOUGHTON, AMORY, JR.

SHAPIRO, IRVING S.

METROPOLITAN LIFE INSURANCE COMPANY

JENKINS, GEORGE P.

MOBIL CORPORATION

SHELDON, ELEANOR H. B.

NEW YORK LIFE INSURANCE COMPANY

THOMAS, FRANKLIN A.

PENNEY, J. C., CO., INC.

SEIBERT, DONALD VINCENT

WRISTON, WALTER B.

PROCTER AND GAMBLE COMPANY

OLMAN, ROBERT S.

FCA CORP.

FOURAKER, LAWRENCE E.

SEARS, ROEBUCK AND CO.

SPENCER, WILLIAM I.

SOUTHERN PACIFIC COMPANY

HANLEY, JAMES M.

UNION PACIFIC CORPORATION

BARNETT, FRANK E.

PALMER, EDWARD LEWIS

UNITED STATES STEEL CORPORATION

DEBUTTS, JOHN D.

WESTINGHOUSE ELECTRIC CORPORATION

MILLIKEN, ROGER

PRUDENTIAL INSURANCE CO. OF AMERICA

WASSON, E. HORNSBY

SHAPLEIGH, WARREN M.

MORGAN, J. P., AND CO., INC.

SHAPLEIGH, WARREN M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR STANDARD OIL COMPANY OF CALIFORNIA
ECONOMICS LABORATORY
FOREMOST MCKESSON INC.
UNITED CALIFORNIA BANK

WESTERN BANCORPORATION

KITTO, CHARLES W.
MUSSMAN, WILLIAM E.
PACKARD, DAVID
CATERPILLAR TRACTOR COMPANY

HEWLETT PACKARD CORP.

TRANS WORLD AIRLINES, INC.

PIGOTT, CHARLES M.
BOEING CO.

CITICORP

AMERICAN EXPRESS COMPANY
DUBAIN, MYRON
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
SOUTHERN PACIFIC COMPANY
MORPHY, MICHAEL A.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
CARTER, EDWARD W.
HORTON, JACK K.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
TRANS WORLD AIRLINES, INC.
THOPTON, CHARLES B.
UNION PACIFIC CORPORATION
ROTH, ROBERT W.

AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.
EXXON CORPORATION
FRANKLIN, WILLIAM H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
MORGAN, LEE L.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
SHELL OIL COMPANY
BLACKIE, WILLIAM
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
SCRIVENER, ROBERT CARLTON
CHASE MANHATTAN CORP.
HEWLETT, WILLIAM R.
CHRYSLEER CORPORATION
HEWLETT, WILLIAM R.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
SAFeway STORES, INC.
ARBUCKLE, ERNEST C.
WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
CONTINENTAL ILLINOIS CORPORATION
LAFONTANT, JEWEL S.
PROCTOR AND GAMBLE COMPANY
MCGHEE, GEORGE C.
WESTERN BANCORPORATION
THORTON, CHARLES B.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
BURLINGTON NORTHERN, INC.
REED, WILLIAM G.
CITICORP
HAYNES, HAROLD J.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR STANDARD OIL COMPANY OF CALIFORNIA

THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
ROUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
PCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER

PACCAR INC.
SAFECO CORP.

UAL, INC.
JENKINS, WILLIAM M.

WASSON, E. HORNSBY
AEROSPACE CORPORATION
AMERICAN POTATO COMPANY
AVANTEK, INC.
BEKINS CO., THE

CROCKER NATIONAL CORPORATION
BEKINS, MILO W., JR.
LOWE, JOHN G.
SEARS, ROEBUCK AND CO.
LOWE, JOHN G.

CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
CARTER, EDWARD W.
HALE, STANTON G.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
HALE, PRENTIS C.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
CARTER, EDWARD W.

PRUDENTIAL INSURANCE CO. OF AMERICA

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
FOSTER, MARGERY SOMMERS
WESTERN ELECTRIC CO., INC.
PROCKNOW, DONALD E.

POCKET RESEARCH CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR STANDARD OIL COMPANY OF CALIFORNIA
STANFORD RESEARCH INST. CITICORP
HAYNES, HAROLD J.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR STANDARD OIL COMPANY OF INDIANA
ABBOUD, ROBERT A.
FIRST CHICAGO CORPORATION

ATLANTIC RICHFIELD COMPANY
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
MORGAN, LEE L.
COMMONWEALTH EDISON
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
MENK, LOUIS W.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
UAL, INC.
CARLSON, EDWARD E.
STUART, ROBERT D., JR.

FIRST NATIONAL BANK OF CHICAGO
HART SCHAFFNER & MARX

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
FIRST CHICAGO CORPORATION
GREY, JOHN D.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.
BURLINGTON NORTHERN, INC.
SMITH, JOHN F., JR.
CONTINENTAL ILLINOIS CORPORATION
TENENBAUM, MICHAEL
EASTMAN KODAK COMPANY
PERKINS, DONALD S.
FIRST CHICAGO CORPORATION
JAICKS, FREDERICK G.
GENERAL ELECTRIC COMPANY
HOVDE, FREDERICK L.

INLAND STEEL CO.

DETROIT EDISON COMPANY
NICHOLS, KENNETH D.

ADAMS, LELAND C.
AMOCO INTERNATIONAL OIL CO.
BUGAS, JOHN S.
FRUEHAUF CORP.

BURNHAM, JOSEPH A.
HAFRIS BANKCORP INC.

CHEMICAL NEW YORK CORPORATION
BUTTON, JAMES W.
INTERNATIONAL HARVESTER COMPANY
LANTERMAN, JOSEPH B.
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
BURLINGTON NORTHERN, INC.
BUDD, J. M.
COMMONWEALTH EDISON
ALLARD, JEAN
DICK, ALBERT BLAKE, III
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
NEW YORK LIFE INSURANCE COMPANY
BUDD, J. M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
SMITH, HAROLD BYRON, JR.
WESTINGHOUSE ELECTRIC CORPORATION
BERCHER, HARRY O.

MARSHALL FIELD & CO.

COZAD, JAMES W.
GALLOWAY, GEORGE H.
AMOCO PRODUCTION CO.
KASCH, JOHN E.
MALOTT, ROBERT H.
BELL & HOWELL CO.

FIRST CHICAGO CORPORATION
GRAHAM, WILLIAM B.
MOBIL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR STANDARD OIL COMPANY OF INDIANA

VAN DER EB, HENRY G.

CONTINENTAL ILLINOIS CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
COMMONWEALTH EDISON
COREY, GORDON R.
WRIGHT, JOSEPH S.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
POTTER, KEITH R.
SEARS, ROEBUCK AND CO.
WOOD, ARTHUR M.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.

DATA DOCUMENTS, INC.
FMC CORP.

KROGER COMPANY, THE
THOMPSON, MORLEY P.

MORROW, RICHARD M.
AMOCO CHEMICALS CORP.

MYERS, GEORGE V.
AMERICAN NATIONAL BANK & TRUST CO.
HELLER, WALTER E., INTERNATIONAL CORP.

UNITED STATES GYPSUM CO.

MARINE MIDLAND BANKS, INC.
DUFFY, EDWARD W.
INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.
THOMPSON, THOMAS M.
MARINE MIDLAND BANKS, INC.
DUFFY, EDWARD W.
NORFOLK AND WESTERN RAILWAY COMPANY
STROTZ, ROBERT H.
WESTINGHOUSE ELECTRIC CORPORATION
BERCHER, HARRY O.

PEIRSON, WALTER R.
RASMUSSEN, ARTHUR E.
ABBOTT LABORATORIES, INC.

CONTINENTAL ILLINOIS CORPORATION
BERE, JAMES F.
GENERAL ELECTRIC COMPANY
SCRIBNER, GILBERT H., JR.

CENTRAL AND SOUTHWEST CORPORATION

ATLANTIC RICHFIELD COMPANY
WILSON, KENDRICK R., JR.

SWEARINGEN, JOHN E.
CHASE MANHATTAN CORP.

AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
LILLEY, ROBERT D.
EQUITABLE LIFE ASSURANCE
EKLUND, C. G.
EXXON CORPORATION
KAUFFMAN, HOWARD C.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
GENERAL MOTORS CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
INTERNATIONAL BUSINESS MACHINES CORP.
HARRIS, PATRICIA R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
SEARS, ROEBUCK AND CO.
PACE, NORMA T.
UNION CARBIDE CORPORATION
FERGUSON, JAMES L.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.

WOOD, RICHARD D.
CHEMICAL NEW YORK CORPORATION

AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR STANDARD OIL COMPANY OF INDIANA

RENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEARSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PIVIROTT, RICHARD R.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
WILLIAMS, ALBERT L.
MOBIL CORPORATION
WILLIAMS, ALBERT L.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
WRIGHT, JOSEPH S.
BETHLEHEM STEEL CORPORATION
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
CITICORP
JENKINS, GEORGE P.
DUPONT, E. I., DE NEMOURS AND CO.
MCCOY, CHARLES B.
GENERAL MOTORS CORP.
PATTERSON, ELLMORE C.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MORGAN, J. P., AND CO., INC.
FOY, LEWIS W.
PATTERSON, ELLMORE C.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
COMMONWEALTH EDISON
CONTINENTAL ILLINOIS CORPORATION
COREY, GORDON R.
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
METROPOLITAN LIFE INSURANCE COMPANY
JOHNSON, G. E.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
CONTINENTAL ILLINOIS CORPORATION
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
COMMONWEALTH EDISON
COREY, GORDON R.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
POTTER, KEITH R.
SEARS, ROEBUCK AND CO.
WOOD, ARTHUR M.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.
SUNBEAM CORP.
FIRST CHICAGO CORPORATION
GREY, JOHN D.
GWINN, ROBERT P.
ZENITH RADIO CORP.
COMMONWEALTH EDISON
AYERS, THOMAS G.
FIRST CHICAGO CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR STANDARD OIL COMPANY OF INDIANA

AYERS, THOMAS G.
NEVIN, JOHN J.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.

YARRINGTON, BLAINE J.

CONTINENTAL ILLINOIS CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
BETHLEHEM STEEL CORPORATION
WRIGHT, JOSEPH S.
COMMONWEALTH EDISON
COREY, GORDON R.
WRIGHT, JOSEPH S.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
INTERNATIONAL BUSINESS MACHINES CORP.
RIZZO, PAUL J.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
POTTER, KEITH R.
SEARS, ROEBUCK AND CO.
WOOD, ARTHUR M.
TRANS WORLD AIRLINES, INC.
LAFONTANT, JEWEL S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TENNECO, INC.
ALLEN, HERBERT
CAMERON IRON WORKS, INC.

CHRYSLER CORPORATION
BRYAN, ANTHONY J. A.
EASTERN AIRLINES, INC.
BORMAN, FRANK
ELKINS, JAMES A.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.

COLUMBIA PICTURES INDUSTRIES INC.
TEXAS COMMERCE BANKSHARES, INC.

EXXON CORPORATION
BARROW, THOMAS D.

BIAGGINI, B. F.
SOUTHERN PACIFIC COMPANY

CITICORP
HANLEY, JAMES W.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
INTERNATIONAL BUSINESS MACHINES CORP.
BETCHEL, STEPHEN D., JR.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
MUNROE, GEORGE B.
NEW YORK LIFE INSURANCE COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
PACIFIC GAS AND ELECTRIC COMPANY
MILLER, RICHARD K.
SAFEWAY STORES, INC.
MAGOWAN, ROBERT A.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
WESTERN BANCORPORATION
MUDD, HENRY T.

DIESEL, JOHN P.
FANSTELL, INC.
VIRGINIA NATIONAL BANKSHARES INC.

NORFOLK AND WESTERN RAILWAY COMPANY
REDMAN, HAMILTON M.
VEPCO
BURROUGHS, CHARLES F., JR.

ELLIS, SYDNEY T.
FREEMAN, NELSON WRIGHT
AMERICAN GENERAL INSURANCE CO. AMERICAN GENERAL CAPITAL MANAGEMENT, INC.
HOOK, HAROLD SWANSON
EASTERN AIRLINES, INC.
ELKINS, JAMES A.

HAGGIN, LOUIS LEE, II
FIRST SECURITY CORP.

CONSOLIDATED FREIGHTWAYS, INC.
TANNER, N. ELDON
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
ECCLES, SPENCER F.
KENEFICK, JOHN C.
WESTERN ELECTRIC CO., INC.
KENEFICK, JOHN C.

HANCOCK, THOMAS
EMPLOYERS LIFE INSURANCE CO OF WAUSAU
EMPLOYERS MUTUAL LIABILITY INSURANCE OF WIS.
ILLINOIS EMPLOYERS INSURANCE OF WAUSAU
NORTHWEST BANCORPORATION

BURLINGTON NORTHERN, INC.
DOWNING, ROBERT W.
INTERNATIONAL HARVESTER COMPANY
SPENCER, EDSON W.
NORTHWEST AIRLINES, INC.
MCNEELEY, DONALD G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BEMIS, JUDSON
NORTHWESTERN MUTUAL LIFE INSURANCE CO
MESSINGER, W. C.

TRANE CO.

WAUSAU LIFE INSURANCE CO.
HARRIS, HENRY U., JR.
WASHINGTON TRUST CO. OF WESTERLY
HOVERSTOCK, NEWTON K.
KETELSEN, J. L.
MACKIN, B. JOHN
SCOTT, WILTON E.
EAST TENNESSEE NATURAL GAS CO.
MIDWESTERN GAS TRANSMISSION CO.
PHILADELPHIA LIFE INSURANCE CO.
TENNECO OFFSHORE CO. INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TEXACO, INC.

FOLMAR, LAURIE W.
ARABIAN AMERICAN OIL CO.
FORBES, SIR ARTHUR PATRICK H.
NABISCO, LTD.
GRANARD, EARL OF
GRANVILLE, MAURICE F.
MCCALL, HOWARD W., JR.
INMONT CORP.

LIGGETT GROUP INC.
LYKES YOUNGSTOWN CORP.

MASS MUTUAL INVESTORS, INC.
MUTUAL LIFE INSURANCE CO. OF NEW YORK

EXXON CORPORATION
LONG, FRANKLIN A.
PENNEY, J. C., CO., INC.
STEWART, CHARLES T.

GOODYEAR TIRE AND RUBBER COMPANY
DEYOUNG, RUSSELL
SEABOARD COAST LINE INDUSTRIES, INC.
LYKES, CHARLES P.

BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CITICORP
PALMER, EDWARD LEWIS
CROCKER NATIONAL CORPORATION
WILCOX, THOMAS R.
TRANS WORLD AIRLINES, INC.
TILLINGHAST, CHARLES C.
UNION PACIFIC CORPORATION
PALMER, EDWARD LEWIS
WELLS FARGO AND COMPANY
MILLER, PAUL A.
WESTERN ELECTRIC CO., INC.
BICKMORE, LEE S.

MCGILL, WILLIAM J. (DR.)

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
AETNA LIFE AND CASUALTY COMPANY
ROBICHAUD, BERYL (DR)

MCGRAW-HILL, INC.

MCKINLEY, JOHN K.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TEXACO, INC.

MOORE, ADMIRAL THOMAS H.
FAIRCHILD INDUSTRIES, INC.

PARKER, GEORGE, JR.
PHIPPS, OGDEN
BESSEMER SECURITIES CORP.

ROGERS, LORENE L.
ROOSA, ROBERT V.
AMERICAN EXPRESS COMPANY

BETHLEHEM STEEL CORPORATION
LEWIS, W. DEMING

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
KEESSE, THOMAS W., JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
WARNER, RAWLEIGH, JR.
CHASE MANHATTAN CORP.
FURLAUD, RICHARD M.
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ETHERINGTON, EDWIN D.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HENLEY, HENRY H., JR.
MOBIL CORPORATION
CLARK, HOWARD L.
WARNER, RAWLEIGH, JR.
UNION PACIFIC CORPORATION
ROBINSON, JAMES D., III
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.
ATLANTIC RICHFIELD COMPANY
DOWNER, JOSEPH P.
PLACE, JOHN B. M.
CHEMICAL NEW YORK CORPORATION
PLACE, JOHN B. M.
METROPOLITAN LIFE INSURANCE COMPANY
PLACE, JOHN B. M.
CBS, INC.
LOVETT, ROBERT A.
SOUTHERN RAILWAY COMPANY
IRELAND, R. L.
UNION PACIFIC CORPORATION
LOVETT, ROBERT A.

ANACONDA CO.

BROWN BROS. HARRIMAN & CO.

BROWN HARRIMAN & INTERNATIONAL BANK, LTD.
OWENS-CORNING FIBERGLASS CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
NORSTAD, LAURIS
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MISSOURI PACIFIC CORPORATION
KEMPER, JAMES M., JR.
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
UAL, INC.
NORSTAD, LAURIS
EQUITABLE LIFE ASSURANCE
WHAFTON, CLIFTON R.
FORD MOTOR CO.
WHARTON, CLIFTON R.

ROCKEFELLER FOUNDATION

ULRICH, FRANZ H.
AKZO N. V.
ANKA GLASZSTOFF AG
DEUTSCHE BANK, A. G.
DWS INVESTMENT TRUST
HANS-LINE
ROTHMAUS INTERNATIONAL LIMITED
SIEMENS, A. G.

WRIGLEY, WILLIAM
NATIONAL BOULEVARD BANK OF CHICAGO
MOBIL CORPORATION
VAN DER EB, HENRY G.

SANTA CATALINA ISLAND CO.
WRIGLEY WILLIAM JR., CO.
YOUNG, WILFORD R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TEXAS UTILITIES COMPANY

AUSTIN, T. L., JR.
DALLAS POWER AND LIGHT CO. BRANIFF INTERNATIONAL CORPORATION
STEWART, ROBERT H., III

TEXAS ELECTRIC SERVICE CO.

BALLY, J. F.
MOONEY BROADCASTING CORP.

BOMAR, W. P.
MISSOURI KANSAS TEXAS RAILROAD CO.

FARRINGTON, J. S.
DALLAS POWER AND LIGHT CO. BRANIFF INTERNATIONAL CORPORATION
STEWART, ROBERT H., III

GRIFFIN, W. M.
HARTFORD FIRE INSURANCE CO. INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
DAY, POMEROY
DUNLEAVY, FRANCIS J.
ELFERS, WILLIAM
GENEEN, HAROLD S.
KNORTZ, HERBERT C.
LESTER, JAMES V.
SCHOEN, HERBERT P.

HAY, S. J.
HULSEY, BURL B.
MARGUARDT, W. G.
PROTHRO, C. N.
CITY NATIONAL BANK, WICHITA FALLS, TEXAS

SKELTON, J.F.
TEXAS POWER AND LIGHT CO.

TURNER, L.S., JR.
DALLAS POWER AND LIGHT CO. BRANIFF INTERNATIONAL CORPORATION
STEWART, ROBERT H., III

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRANS WORLD AIRLINES, INC.

CROWN, LESTER

ESMARCK, INC.

COMMONWEALTH EDISON

MCCORMICK, BROOKS

CONTINENTAL ILLINOIS CORPORATION

JOHNSON, WILLIAM B.

RENEKER, ROBERT W.

EASTMAN KODAK COMPANY

WALLIS, W. ALLEN

FIRST CHICAGO CORPORATION

MCCORMICK, BROOKS

INTERNATIONAL HARVESTER COMPANY

MCCORMICK, BROOKS

MELLON NATIONAL CORPORATION

CASEY, SAMUEL B., JR.

METROPOLITAN LIFE INSURANCE COMPANY

WALLIS, W. ALLEN

GENERAL DYNAMICS CORP.

AMERICAN BROADCASTING COMPANIES

COOK, DONALD C.

BANKAMERICA CORPORATION

LEWIS, DAVID SLOAN, JR.

CONTINENTAL ILLINOIS CORPORATION

RENEKER, ROBERT W.

HENRY CROWN & CO.

HOWARD, JACK P.

SCRIPPS HOWARD BROADCASTING CO.

KIMBALL, CHARLES N.

LAFONTANT, JEWEL S.

BENDIX CORP.

AMERICAN ELECTRIC POWER COMPANY, INC.

FOLSOM, RICHARD G.

CHASE MANHATTAN CORP.

EKLUND, C. G.

CHEMICAL NEW YORK CORPORATION

VILA, GEORGE R.

CONSUMERS POWER COMPANY

MOTT, C. S. HARDING

EQUITABLE LIFE ASSURANCE

AGEE, WILLIAM M.

EKLUND, C. G.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

AGEE, WILLIAM M.

KRESGE, S. S., COMPANY

CUNNINGHAM, HARRY B.

PURCELL, ROBERT W.

NATIONAL DETROIT CORPORATION

CUNNINGHAM, HARRY B.

CONTINENTAL ILLINOIS CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HEWITT, WILLIAM A.

BETHLEHEM STEEL CORPORATION

WRIGHT, JOSEPH S.

COMMONWEALTH EDISON

COREY, GORDON R.

WRIGHT, JOSEPH S.

CONTINENTAL OIL COMPANY

HEWITT, WILLIAM A.

EASTMAN KODAK COMPANY

ANDERSON, ROGER E.

INTERNATIONAL BUSINESS MACHINES CORP.

RIZZO, PAUL J.

INTERNATIONAL HARVESTER COMPANY

ANDERSON, ROGER E.

POTTER, KEITH R.

SEARS, ROEBUCK AND CO.

WOOD, ARTHUR M.

STANDARD OIL COMPANY OF INDIANA

MALOTT, ROBERT H.

WRIGHT, JOSEPH S.

YARRINGTON, BLAINE J.

FOOTECONE AND BELDING COMMUNICATIONS INC.

MCGHEE, GEORGE C.

AMERICAN SECURITY CORP.

BANKAMERICA CORPORATION

BRIMMER, ANDREW F.

DUPONT, E. I., DE NEMOURS AND CO.

BRIMMER, ANDREW F.

INTERNATIONAL HARVESTER COMPANY

BRIMMER, ANDREW F.

SOUTHERN RAILWAY COMPANY

CRANE, L. STANLEY

IRELAND, R. L.

UAL, INC.

BRIMMER, ANDREW F.

PROCTER AND GAMBLE COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

SPEER, EDGAR B.

CITICORP

OELMAN, ROBERT S.

EXXON CORPORATION

HARNES, EDWARD G.

FORD MOTOR CO.

OELMAN, ROBERT S.

GENERAL MOTORS CORP.

MORGENS, HOWARD J.

GOODYEAR TIRE AND RUBBER COMPANY

GEIR, PHILLIP O., JR.

HARPER, JOHN DICKESON

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRANS WORLD AIRLINES, INC.

MELLON NATIONAL CORPORATION
 HARPER, JOHN DICKESON
 METROPOLITAN LIFE INSURANCE COMPANY
 HARPER, JOHN DICKESON
 MORGAN, J. P., AND CO., INC.
 MORGENS, HOWARD J.
 UNITED STATES STEEL CORPORATION
 SPEER, EDGAR B.

SATURDAY REVIEW-WORLD, INC.
 MCKINNEY, ROBERT M.
 MARTIN MARIETTA ALUMINUM CORP.
 MARTIN MARIETTA CORP.

MELLON NATIONAL CORPORATION
 JONES, CURTIS E.
 CONTINENTAL CORPORATION, THE
 BELL, DRUMMOND C.

SURVEYOR FUND, INC.

MEYER, C. E., JR.
 MILLER, HOWARD C., JR.
 CANTEEN CORP.
 LAKE SHORE NATIONAL BANK
 O'MALLEY, PATRICK L.
 CANTEEN CORP.
 CASUALTY INSURANCE CORP.
 DEL E. WEBB CORP.
 HALL, W. F., PRINTING CO.
 MICHIGAN AVE. NAT. BANK
 STONE CONTAINER CORP.

CONTINENTAL ILLINOIS CORPORATION
 KARNES, WILLIAM G.

PACKARD, DAVID
 CATERPILLAR TRACTOR COMPANY

AMERICAN EXPRESS COMPANY
 MARTIN, WILLIAM MCCHESNEY, JR.
 WARNER, RAWLEIGH, JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 WARNER, RAWLEIGH, JR.
 ATLANTIC RICHFIELD COMPANY
 INGERSOLL, ROBERT S.
 CHEMICAL NEW YORK CORPORATION
 WARNER, RAWLEIGH, JR.
 EXXON CORPORATION
 FRANKLIN, WILLIAM H.
 FIRST CHICAGO CORPORATION
 INGERSOLL, ROBERT S.
 MORGAN, LEE L.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESNEY, JR.
 MOBIL CORPORATION
 WARNER, RAWLEIGH, JR.
 SHELL OIL COMPANY
 BLACKIE, WILLIAM
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESNEY, JR.
 SCRIVENER, ROBERT CARLTON
 CHASE MANHATTAN CORP.
 HEWLETT, WILLIAM R.
 CHRYSLER CORPORATION
 HEWLETT, WILLIAM R.
 FLORIDA POWER AND LIGHT COMPANY
 BENNETT, GEORGE F.
 FORD MOTOR CO.
 BENNETT, GEORGE F.
 JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
 BENNETT, GEORGE F.
 MIDDLE SOUTH UTILITIES, INC.
 BENNETT, GEORGE F.
 SAFEWAY STORES, INC.
 ARBUCKLE, ERNEST C.
 WELLS FARGO AND COMPANY
 ARBUCKLE, ERNEST C.

HEWLETT PACKARD CORP.

STANDAPD OIL COMPANY OF CALIFORNIA

BANKAMERICA CORPORATION
 GRAY, JOHN R.
 CITICORP
 HAYNES, HAROLD J.
 PIGOTT, CHARLES M.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 WASSON, E. HORNSBY
 WESTERN BANCORPORATION
 KELLER, GEORGE M.

REID, DANIEL P.
 RICE, EMMET J.
 DISTRICT COMMUNICATIONS, INC.
 SMART, L. EDWIN
 SOUTHERN NATURAL RESOURCES INC.
 SOMMER, CHARLES H., JR.
 MONSANTO CO.

CITICORP
 HANLEY, JAMES W.
 PALMER, EDWARD LEWIS
 DUKE POWER CO
 MICKEL, BUCK
 SEABOARD COAST LINE INDUSTRIES, INC.
 ECK, JOHN R.
 MICKEL, BUCK
 SOUTHERN PACIFIC COMPANY
 HANLEY, JAMES W.
 UNION PACIFIC CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRANS WORLD AIRLINES, INC.

ST. LOUIS UNION TRUST CO.
STEWART, PATRICIA CARRY
BORDEN, INC.

PALMER, EDWARD LEWIS

CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
MARUSI, AUGUSTINE R.
RENCHARD, WILLIAM S.
RICE, WILLIAM THOMAS
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WIEN, LAWRENCE A.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
WOOLWORTH, F. W., CO.
CARRY, PATRICIA J.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY

STRAND, CURT R.
THORNTON, CHARLES B.
HOLLYWOOD PARK, INC.
LITTON INDUSTRIES, INC.

MCA, INC.

SPECIALTY RESTAURANTS CORP.
WESTERN BANCORPORATION

AHMANSON, H. F., AND COMPANY
TOPPING, NOPMAN
NORTHWESTERN MUTUAL LIFE INSURANCE CO
WRIGHT, J. O.
PACIFIC GAS AND ELECTRIC COMPANY
COOK, RANSOM M.
SECURITY PACIFIC CORP.
MCDANIEL, GLEN
AMERICAN AIR LINES, INC.
WASSERMAN, LEW R.
BANKAMERICA CORPORATION
LUNDBORG, LOUIS B.
FIRST CHICAGO CORPORATION
DPICK, JOHN E.
SAFEWAY STORES, INC.
JONES, MARY GARDINER
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
CARTER, EDWARD W.
HORTON, JACK K.
SOUTHERN PACIFIC COMPANY
MUDD, HENRY T.
SOUTHERN RAILWAY COMPANY
MUDD, HENRY T.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
UNION PACIFIC CORPORATION
ROTH, ROBERT W.

TILLINGHAST, CHARLES C.
AMSTAR CORP.

LEISURE DYNAMICS, INC.

MERCK & CO., INC.

EXXON CORPORATION
CLARKE, JACK G.
GENERAL PUBLIC UTILITIES CORP.
BURDITT, JOHN F.
WOOLWORTH, F. W., CO.
LESCH, GEORGE H.
WELLS FARGO AND COMPANY
MACNAUGHTON, MALCOLM
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRANS WORLD AIRLINES, INC.

	MURPHY, WILLIAM B.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	FORD MOTOR CO.
	GADSDEN, HENRY W.
	HEISKELL, MARIAN S.
	GOODYEAR TIRE AND RUBBER COMPANY
	METTLER, RUBEN F.
	MORGAN, J. P., AND CO., INC.
	PAGE, WALTER H.
MUTUAL LIFE INSURANCE CO. OF NEW YORK	
	BANKERS TRUST NEW YORK CORP
	BICKMORE, LEE S.
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	CITICORP
	PALMER, EDWARD LEWIS
	CROCKER NATIONAL CORPORATION
	WILCOX, THOMAS R.
	TEXACO, INC.
	MCCALL, HOWARD W., JR.
	UNION PACIFIC CORPORATION
	PALMER, EDWARD LEWIS
	WELLS FARGO AND COMPANY
	MILLER, PAUL A.
	WESTERN ELECTRIC CO., INC.
	BICKMORE, LFE S.
	UNITED STATES STEEL CORPORATION
	MOORE, GEORGE S.
WHITE WELD & CO.	
VALENTI, JACK	
ACME ELECTRIC CORP.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRANSAMERICA CORPORATION

BECKETT, JOHN R.

TEXAS EASTERN TRANSMISSION CORP.

CITICORP

FOURAKER, LAWRENCE E.

RCA CORP.

FOURAKER, LAWRENCE E.

TRANSAMERICA FINANCIAL CORP.

BENJAMIN, ROBERT S.

TRANSAMERICA CORP.

BOGUE, BRADLEY

CLARK, EARL

BAKER INTERNATIONAL CORP.

CROCKER NATIONAL CORPORATION

HILLER, STANLEY, JR.

GOLDEN STATE FOODS CORP.

OCCIDENTAL LIFE INSURANCE CO.

CRAMER, GLENN A.

TRANS INTERNATIONAL AIRLINES, INC.

DANT, J. R.

STATES STEAMSHIP CO.

GOODRICH, BAXTER D.

TEXAS EASTERN TRANSMISSION CORP.

CITICORP

FOURAKER, LAWRENCE E.

RCA CORP.

FOURAKER, LAWRENCE E.

HARVEY, JAMES R.

KRIN, ARTHUR B.

OCCIDENTAL PETROLEUM CORPORATION

BANKAMERICA CORPORATION

STEWART, SAMUEL BRADFORD

KUECHLER, H. N., JR.

LANIGAR, MARY E.

LUCKY STORES

PACIFIC LUMBER CO.

WELLS FARGO AND COMPANY

FORD MOTOR CO.

MILLER, ARJAY

GENERAL ELECTRIC COMPANY

LITTLEFIELD, EDMUND W.

PACIFIC GAS AND ELECTRIC COMPANY

COOLEY, RICHARD P.

SAFeway STORES, INC.

ARBUCKLE, ERNEST C.

LAPHAM, ROGER D., JR.

SOUTHERN PACIFIC COMPANY

LITTLEFIELD, EDMUND W.

UAL, INC.

COOLEY, RICHARD P.

LEAVITT, DANA G.

MCNEELY, EMIL L.

WICKES CORP

NEUKOM, JOHN G.

UNIVAR CORP.

FIRST CHICAGO CORPORATION

CARLSON, EDWARD E.

UAL, INC.

CARLSON, EDWARD E.

PAMPLIN, ROBERT B.

LEATH & CO.

SHUMWAY, FORREST NELSON

GAVREL CORP.

GOLDEN WEST BROADCASTERS, INC.

GRACE, W. R., AND CO.

AMERICAN BROADCASTING COMPANIES

JENKINS, GEORGE P.

BETHLEHEM STEEL CORPORATION

JENKINS, GEORGE P.

CITICORP

GRACE, J. PETER

JENKINS, GEORGE P.

MILLIKEN, ROGER

COMMONWEALTH EDISON

PRINCE, WILLIAM WOOD

EASTERN AIRLINES, INC.

PHALEN, CLIFTON W.

PRINCE, WILLIAM WOOD

FIRST CHICAGO CORPORATION

PRINCE, WILLIAM WOOD

FIRST NATIONAL BOSTON CORP.

FOSTER, RAYMOND C.

MARINE MIDLAND BANKS, INC.

LARKIN, FELIX E.

OWENS, CORNELIUS W.

METROPOLITAN LIFE INSURANCE COMPANY

JENKINS, GEORGE P.

WESTINGHOUSE ELECTRIC CORPORATION

MILLIKEN, ROGER

MACK TRUCKS, INC.

SIGNAL COMPANIES, INC.

PHILLIPS PETROLEUM COMPANY

WILLIAMS, HAROLD M.

SOUTHERN CALIFORNIA EDISON COMPANY

HILLS, CARLA A.

U. O. P., INC.

UNITED CALIFORNIA BANK

AMERICAN EXPRESS COMPANY

DUBAIN, MYRON

SOUTHERN CALIFORNIA EDISON COMPANY

BARKER, NORMAN, JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRANSAMERICA CORPORATION

SOUTHERN PACIFIC COMPANY
MORPHY, MICHAEL A.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
KELLER, GEORGE M.

WOOD, WILLIE W.
NORTHWESTERN PUBLIC SERVICES CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRAVELERS INSURANCE COMPANY

BARNES, CARLYLE F. BARNES GROUP, INC.	AETNA LIFE AND CASUALTY COMPANY BARNES, WALLACE CHEMICAL NEW YORK CORPORATION LEBLOND, RICHARD K., II AETNA LIFE AND CASUALTY COMPANY LORD, CHARLES E. CONNECTICUT GENERAL LIFE INSURANCE COMPANY WATKINS, F. D. FIRST NATIONAL BOSTON CORP. HOLMES, D. BRAINERD
KAMAN CORP.	
UNITED BANK & TRUST CO. BEACH, MORRISON H. HARTFORD NATIONAL CORPORATION BUDD, EDWARD H. HARTFORD NATIONAL CORPORATION COBB, JEWEL PLUMMER COLE, CHARLES J. SOCIETY FOR SAVINGS & CONNECTICUT INTERNATIONAL CORP. COLLIE, MARVIN K. FIRST CITY NATIONAL BANK OF HOUSTON VINSON, EKINS, SEARLS & CONNALLY FORD, T. MITCHELL BLISS & LAUGHLIN INDUSTRIES, INC.	CONTINENTAL ILLINOIS CORPORATION MITCHELL, MARVIN G.
EMBART CORP. HARTFORD NATIONAL CORP.	AETNA LIFE AND CASUALTY COMPANY BLATZ, DURAND B. KOOPMAN, RICHARD CONNECTICUT GENERAL LIFE INSURANCE COMPANY WATKINS, F. D. NORTHEAST UTILITIES HENNESSY, EDWARD L., JR. AETNA LIFE AND CASUALTY COMPANY GRAY, HARRY J. SMITH, OLCOTT D. CHARTER NEW YORK CORP. WELLER, RALPH A.
UNITED TECHNOLOGIES CORP.	CITICORP GRAY, HARRY J. SPENCER, WILLIAM I. EXXON CORPORATION GRAY, HARRY J. MORGAN, J. P., AND CO., INC. SMITH, OLCOTT D. NORTHEAST UTILITIES HENNESSY, EDWARD L., JR. SEARS, ROEBUCK AND CO. SPENCER, WILLIAM I.
GARRETT, DAVID C., JR. DELTA AIR LINES CORPORATION TRUST COMPANY OF GEORGIA	MIDDLE SOUTH UTILITIES, INC. FREEMAN, RICHARD W. AMERICAN EXPRESS COMPANY ROBINSON, JAMES D., III DELTA AIR LINES CORPORATION DOLSON, CHARLES H. GENERAL ELECTRIC COMPANY AUSTIN, J. PAUL MORGAN, J. P., AND CO., INC. AUSTIN, J. PAUL UNION PACIFIC CORPORATION ROBINSON, JAMES D., III
GILMAN, GEORGE R., JR. GILMAN AND MARFS GRAHAM, JOHN W. NATOMAS OF CANADA, LTD. ROGERS CABLE COMMUNICATIONS, LTD. ROGERS RADIO BROADCASTING, LTD. TRAVELERS CANADIAN COMPANION VICTOR & GREY TRUST CO. HEWITT, DAVID C. HARTFORD NATIONAL CORPORATION UNITED TECHNOLOGIES CORP.	AETNA LIFE AND CASUALTY COMPANY GRAY, HARRY J. SMITH, OLCOTT D. CHARTER NEW YORK CORP. WELLER, RALPH A.
	CITICORP GRAY, HARRY J. SPENCER, WILLIAM I. EXXON CORPORATION GRAY, HARRY J. MORGAN, J. P., AND CO., INC. SMITH, OLCOTT D. NORTHEAST UTILITIES HENNESSY, EDWARD L., JR. SEARS, ROEBUCK AND CO. SPENCER, WILLIAM I.
SCOTT, DAVID C. ALLIS-CHALMERS CORP.	AMERICAN AIR LINES, INC. BEERS, WILLIAM O. MANUFACTURERS HANOVER CORPORATION BEERS, WILLIAM O.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRAVELERS INSURANCE COMPANY

	NORTHWESTERN MUTUAL LIFE INSURANCE CO STEVENSON, ROBERT S.
	SEARS, ROEBUCK AND CO. BEERS, WILLIAM O.
	UNITED STATES STEEL CORPORATION BEERS, WILLIAM O.
FIRST WISCONSIN CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY CLEARY, CATHERINE B.
	EXXON CORPORATION PETERSON, MARTHA E.
	GENERAL MOTORS CORP. CLEARY, CATHERINE B.
	GOODYEAR TIRE AND RUBBER COMPANY SMITH, LLOYD B.
	METROPOLITAN LIFE INSURANCE COMPANY PETERSON, MARTHA E.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO CLEARY, CATHERINE B.
	SMITH, E. G.
HUMANA, INC.	
ROYAL CROWN COLA CORP.	
SHAPIRO, ELI	
AIKEN INDUSTRIES, INC.	
AVIS, INC.	
	AETNA LIFE AND CASUALTY COMPANY SMITH, OLCOTT D.
	CONTINENTAL CORPORATION, THE BELL, DRUMMOND C.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO. KEESE, THOMAS W., JR.
	MERRILL LYNCH AND COMPANY, INC. HAACK, ROBERT WILLIAM
	MORGAN, J. P., AND CO., INC. SMITH, OLCOTT D.
CBT CORP.	
CBT CORPORATION	
	AETNA LIFE AND CASUALTY COMPANY BARNES, WALLACE
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY ENGLISH, J. F., JR.
	MARTIN, ERLE SUISMAN, MICHAEL
	WALDRON, H. B., JR.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO. SCHOEN, HERBERT P.
CONNECTICUT NATURAL GAS CORP.	CONNECTICUT GENERAL LIFE INSURANCE COMPANY ENGLISH, J. F., JR.
CONNECTICUT NATURAL GAS CORP.	CONNECTICUT GENERAL LIFE INSURANCE COMPANY ENGLISH, J. F., JR.
NATIONAL TELE CO. INC.	
NORLIN CORP.	
	CHASE MANHATTAN CORP. MACOMBER, JOHN D.
	FEDERATED DEPARTMENT STORES, INC. KRENSKY, HAROLD
	CHASE MANHATTAN CORP. MACOMBER, JOHN D.
	FEDERATED DEPARTMENT STORES, INC. KRENSKY, HAROLD
RANDOLPH, J. M., & ASSOCIATES, INC.	
SHIPMAN, ARTHUR L.	
SMITH, ARTHUR E.	
UNITED TECHNOLOGIES CORP.	
	AETNA LIFE AND CASUALTY COMPANY GRAY, HARRY J.
	SMITH, OLCOTT D.
	CHARTER NEW YORK CORP. WELLER, RALPH A.
	CITICORP GRAY, HARRY J.
	SPENCER, WILLIAM I.
	EXXON CORPORATION GRAY, HARRY J.
	MORGAN, J. P., AND CO., INC. SMITH, OLCOTT D.
	NORTHEAST UTILITIES HENNESSY, EDWARD L., JR.
	SEARS, ROEBUCK AND CO. SPENCER, WILLIAM I.
WILKINS, ROGER C.	
ALLIS-CHALMERS CORP.	
	AMERICAN AIR LINES, INC. BEERS, WILLIAM O.
	MANUFACTURERS HANOVER CORPORATION BEERS, WILLIAM O.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO STEVENSON, ROBERT S.
	SEARS, ROEBUCK AND CO. BEERS, WILLIAM O.
	UNITED STATES STEEL CORPORATION BEERS, WILLIAM O.
CBT CORPORATION	
	AETNA LIFE AND CASUALTY COMPANY BARNES, WALLACE
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY ENGLISH, J. F., JR.
	MARTIN, ERLE SUISMAN, MICHAEL
	WALDRON, H. B., JR.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR TRAVELERS INSURANCE COMPANY

SCHOEN, HERBERT P.

CHEMICAL EXPRESS CO.

CONNECTICUT NATURAL GAS CORP. CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ENGLISH, J. F., JR.

UNITED TECHNOLOGIES CORP.

AETNA LIFE AND CASUALTY COMPANY

GRAY, HARRY J.

SMITH, OLCOTT D.

CHARTER NEW YORK CORP.

WELLER, RALPH A.

CITICORP

GRAY, HARRY J.

SPENCER, WILLIAM I.

EXXON CORPORATION

GRAY, HARRY J.

MORGAN, J. P., AND CO., INC.

SMITH, OLCOTT D.

NORTHEAST UTILITIES

HENNESSY, EDWARD L., JR.

SEARS, ROEBUCK AND CO.

SPENCER, WILLIAM I.

WELLS FARGO MORTGAGE INVESTORS

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UAL, INC.

BARKES, CURTIS
DART INDUSTRIES, INC.

FEDERATED DEPARTMENT STORES, INC.
GRUENTHER, GENERAL ALFRED M.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
WELLS FARGO AND COMPANY
COPELY, HELEN K.

BRIMMER, ANDREW F.
AMERICAN SECURITY CORP.

PROCTER AND GAMBLE COMPANY
MCGHEE, GEORGE C.
SOUTHERN RAILWAY COMPANY
CRANE, L. STANLEY
IRELAND, R. L.
TRANS WORLD AIRLINES, INC.
MCGHEE, GEORGE C.

BANK OF AMERICA NATIONAL TRUST & SAVINGS ASSN.
BANKAMERICA CORPORATION

CHRYSLER CORPORATION
HALABY, NAJEEB E.
OCCIDENTAL PETROLEUM CORPORATION
STEWART, SAMUEL BRADFORD
PACIFIC GAS AND ELECTRIC COMPANY
WENTE, KARL L.
PAN AMERICAN WORLD AIRWAYS, INC.
DILLINGHAM, LOWELL S.
SOUTHERN CALIFORNIA EDISON COMPANY
MCDANIEL, THOMAS M., JR.
STANDARD OIL COMPANY OF CALIFORNIA
GRAY, JOHN R.
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT

BRIMMER & CO., INC.
DUPONT, E. I., DE NEMOURS AND CO.

AMERICAN STORES COMPANY
HECKERT, RICHARD E.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
BETHLEHEM STEEL CORPORATION
MCCOY, CHARLES B.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
CITICORP
SHAPIRO, IRVING S.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.
SHAPIRO, IRVING S.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.

INTERNATIONAL HARVESTER COMPANY

BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
COMMONWEALTH EDISON
MCCORMICK, BROOKS
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
POTTER, KEITH R.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MCCORMICK, BROOKS
MENK, LOUIS W.
NORTHWEST BANCORPORATION
SPENCER, EDSON W.
SANTA FE INDUSTRIES, INC.
RATTALIATA, JOHN T.
WESTERN ELECTRIC CO., INC.
RATTALIATA, JOHN T.

NATIONAL BUREAU OF ECONOMICS RESEARCH

CARLSON, EDWARD E.
ALUMINUM COMPANY OF AMERICA

GENERAL MOTORS CORP.
MAYER, JOHN A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
GULF OIL CORPORATION
PEARSON, NATHAN W.
MELLON NATIONAL CORPORATION
GEORGE, W. H. KROME
HARPER, JOHN DICKESON
MAYER, JOHN A.
PEARSON, NATHAN W.
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
FEDERATED DEPARTMENT STORES, INC.

DART INDUSTRIES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UAL, INC.

DEERE & CO.

FIRST CHICAGO CORPORATION

NEW ENGLAND FISH CO.
SEAFIRST CORP.
UNIVAR CORP.

WESTERN INTERNATIONAL HOTELS CO.

COOLEY, RICHARD P.
HOWNET TURBINE COMPONENTS CORP.
PACIFIC GAS AND ELECTRIC COMPANY

WELLS FARGO AND COMPANY

DART, JUSTIN W.
COWLES COMMUNICATIONS INC.
COWLES COMMUNICATIONS, INC.
DART INDUSTRIES, INC.

DART INDUSTRIES, INC.

DE WINDT, E. MANDELL

GRUENTHER, GENERAL ALFRED M.
WELLS FARGO AND COMPANY
COPELY, HELEN K.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
CHRYSLER CORPORATION
FLEMING, ROBBEN W.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
FIRST CHICAGO CORPORATION
GRAHAM, WILLIAM B.
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
ATLANTIC RICHFIELD COMPANY
ANDERSON, ROBERT O.
FREEMAN, GAYLORD
INGERSOLL, ROBERT S.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
MORGAN, LEE L.
COMMONWEALTH EDISON
AYERS, THOMAS G.
MCCORMICK, BROOKS
PRINCE, WILLIAM WOOD
SWIFT, A. DEAN
EASTERN AIRLINES, INC.
PRINCE, WILLIAM WOOD
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
INTERNATIONAL HARVESTER COMPANY
MCCORMICK, BROOKS
MENK, LOUIS W.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
SANTA FE INDUSTRIES, INC.
WELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
AYERS, THOMAS G.
SWIFT, A. DEAN
STANDARD OIL COMPANY OF INDIANA
ABBODD, ROBERT A.

TRANSAMERICA CORPORATION
NEUKOM, JOHN G.

BANKAMERICA CORPORATION
WENTE, KARL L.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
SAFeway STORES, INC.
DE BRETTEVILLE, CHARLES
SHELL OIL COMPANY
DE BRETTEVILLE, CHARLES
SOUTHERN PACIFIC COMPANY
MILLER, RICHARD K.
FORD MOTOR CO.
MILLER, ARJAY
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
SAFeway STORES, INC.
ARBUCKLE, ERNEST C.
LAPHAM, ROGER D., JR.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
TRANSAMERICA CORPORATION
LANIGAR, MARY E.

FEDERATED DEPARTMENT STORES, INC.
GRUENTHER, GENERAL ALFRED M.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
WELLS FARGO AND COMPANY
COPELY, HELEN K.
FEDERATED DEPARTMENT STORES, INC.
GRUENTHER, GENERAL ALFRED M.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
WELLS FARGO AND COMPANY
COPELY, HELEN K.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
 FOR UAL, INC.
 CLEVELAND TRUST CO.
 DIAMOND SHAMPOCK CORP.
 MELLON NATIONAL CORPORATION
 EVANS, RAYMOND F.

MOGUL CORP.
 OHIO BELL TELEPHONE CO.
 CITICORP
 OELMAN, ROBERT S.
 FORD MOTOR CO.
 OELMAN, ROBERT S.
 PROCTER AND GAMBLE COMPANY
 OELMAN, ROBERT S.

FERRIS, RICHARD J.
 WESTERN INTERNATIONAL HOTELS CO.
 FIRST CHICAGO CORPORATION
 CARLSON, EDWARD E.

HIMMELMAN, LYNN P.
 FARMERS NEW WORLD LIFE INSURANCE CO.
 KEMPER INSURANCE GROUP
 NORTHWEST ENERGY CO.
 RANIER BANCORPORATION
 RANIER NATIONAL BANK
 WESTERN INTERNATIONAL HOTELS, INC.

JENKINS, WILLIAM M.
 PACIFIC NORTHWEST BELL TELEPHONE CO.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ELLINGHAUS, WILLIAM M.
 BANKERS TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 PENNEY, J. C., CO., INC.
 ELLINGHAUS, WILLIAM M.
 CITICORP
 PIGOTT, CHARLES M.
 STANDARD OIL COMPANY OF CALIFORNIA
 PIGOTT, CHARLES M.
 CHASE MANHATTAN CORP.
 LAZARUS, RALPH
 FEDERATED DEPARTMENT STORES, INC.
 LAZARUS, RALPH
 GENERAL ELECTRIC COMPANY
 DICKEY, CHARLES D., JR.
 LAZARUS, RALPH
 INTERNATIONAL BUSINESS MACHINES CORP.
 SCRANTON, WILLIAM W.
 MORGAN, J. P., AND CO., INC.
 DICKEY, CHARLES D., JR.
 NORFOLK AND WESTERN RAILWAY COMPANY
 SUTPHIN, SAMUEL REID

SAFECO CORP.

SCOTT PAPER CO.

SEATTLE FIRST NATIONAL BANK
 WESTERN GEAR CORP.

KNUDSEN, SEMON E.
 COWLES COMMUNICATIONS INC.
 FIRST NATIONAL BANK OF PALM BEACH
 MICHIGAN NATIONAL CORPORATION
 OHIO BELL TELEPHONE CO.
 CITICORP
 OELMAN, ROBERT S.
 FORD MOTOR CO.
 OELMAN, ROBERT S.
 PROCTER AND GAMBLE COMPANY
 OELMAN, ROBERT S.

WHITE MOTOR CORPORATION
 LUCE, CHARLES F.
 CONSOLIDATED EDISON CO OF NEW YORK
 CHEMICAL NEW YORK CORPORATION
 RENCHARD, WILLIAM S.
 WILLIAMS, FRANKLIN H.
 CONTINENTAL CORPORATION, THE
 PAINE, PETER S.
 EQUITABLE LIFE ASSURANCE
 MUMFORD, MILTON C.
 FORD MOTOR CO.
 HEISKELL, MARIAN S.
 INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
 PERKINS, RICHARD S.
 MANUFACTURERS HANOVER CORPORATION
 BEINECKE, WILLIAM S.
 NEW YORK LIFE INSURANCE COMPANY
 PERKINS, RICHARD S.
 RENCHARD, WILLIAM S.
 SOUTHERN PACIFIC COMPANY
 PERKINS, RICHARD S.

EMPIRE STATE POWER RESOURCES, INC.
 MARINE MIDLAND BANKS, INC.
 LYONS, WILLIAM A.

GAB BUSINESS SERVICES, INC.
 METROPOLITAN LIFE INSURANCE COMPANY
 AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 BETHLEHEM STEEL CORPORATION
 JENKINS, GEORGE P.
 CHARTER NEW YORK CORP.
 SMILEY, DONALD B.
 CHASE MANHATTAN CORP.
 SHINN, RICHARD R.

COMPANY LISTING WITH SECONDARY INTERLOCK TRHU DIRECTOF
FOR UAL, INC.

CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
PLACE, JOHN B. M.
CITICORP
JENKINS, GEORGE P.
COMMONWEALTH EDISON
JOHNSON, G. E.
CROCKER NATIONAL CORPORATION
SOLCOMON, EMMETT G.
EASTMAN KODAK COMPANY
WALLIS, W. ALLEN
EXXON CORPORATION
PETERSON, MARTHA E.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
MELLON NATIONAL CORPORATION
HARPER, JOHN DICKESON
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.
NORTHWEST AIRLINES, INC.
LAIRD, M. R.
PACIFIC GAS AND ELECTRIC COMPANY
SOLOMON, EMMETT G.
PHILIPS PETROLEUM COMPANY
LAIRD, M. R.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
FCA COPP.
SMILEY, DONALD B.
UNION CARBIDE CORPORATION
MASON, BIRNEY, JR.
SNEATH, WILLIAM S.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

MATSUDA, FUJIO
BREWER, C., E CO., LTD.
HAWAIIAN ELECTRIC CO.
MCERLEAN, CHARLES F.
MULLIFIN, HARRY
SEAFIRST CORP.

WESTERN INTERNATIONAL HOTELS CC.

NORSTAD, LAUFIS
ABITIBI PAPER CO., LTD.
CONTINENTAL OIL COMPANY

FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.

FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.

METROPOLITAN LIFE INSURANCE COMPANY
ROBARTS, JOHN PARMENTER
AMERICAN EXPRESS COMPANY
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HEWITT, WILLIAM A.
BANKERS TRUST NEW YORK CORP
BLAUVELT, HOWARD W.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
JONES, GILBERT E.
EQUITABLE LIFE ASSURANCE
BUEK, C. W.
GENERAL TELEPHONE AND ELECTRONICS CORP.
BLAUVELT, HOWARD W.
INTERNATIONAL BUSINESS MACHINES CORP.
JONES, GILBERT E.

OWENS-CORNING FIBERGLASS CORP. AMERICAN ELECTRIC POWER COMPANY, INC.
BOESCHENSTEIN, WILLIAM W.
AMERICAN EXPRESS COMPANY
ROOSA, ROBERT V.
CONTINENTAL OIL COMPANY
ANDERSON, CHARLES A.
GENERAL MOTORS CORP.
MORGENS, HOWARD J.
KROGER COMPANY, THE
BOESCHENSTEIN, WILLIAM W.
MISSOURI PACIFIC CORPORATION
KEMPER, JAMES M., JR.
MORGAN, J. P., AND CO., INC.
MORGENS, HOWARD J.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
TEXACO, INC.
ROOSA, ROBERT V.

PATERSON, W. A.
PETRY, NICHOLAS R.
BEAR VALLEY CORP.
COLORADO NATIONAL BANK
COLORADO NATIONAL BANKSHARES, INC.
BURLINGTON NORTHERN, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UAL, INC.

	ROCKWELL, BRUCE M.
	UNION PACIFIC CORPORATION
	GRANT, WILLIAM D.
	TAYLOR, VERNON F., JR.
PETRY-VAPPI CONSTRUCTION CO.	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	VAPPI, C. VINCENT
PUBLIC SERVICE COMPANY OF COLORADO	
STUART, ROBERT D., JR.	
FIRST CHICAGO CORPORATION	ATLANTIC RICHFIELD COMPANY
	ANDERSON, ROBERT O.
	FREEMAN, GAYLORD
	INGERSOLL, ROBERT S.
	BURLINGTON NORTHERN, INC.
	MENK, LOUIS W.
	CATERPILLAR TRACTOR COMPANY
	INGERSOLL, ROBERT S.
	MORGAN, LEE L.
	COMMONWEALTH EDISON
	AYERS, THOMAS G.
	MCCORMICK, BROOKS
	PRINCE, WILLIAM WOOD
	SWIFT, A. DEAN
	EASTERN AIRLINES, INC.
	PRINCE, WILLIAM WOOD
	FIRST BANK SYSTEM, INC.
	MENK, LOUIS W.
	GENERAL MOTORS CORP.
	SIVAGE, GERALD A.
	INTERNATIONAL HARVESTER COMPANY
	MCCORMICK, BROOKS
	MENK, LOUIS W.
	METROPOLITAN LIFE INSURANCE COMPANY
	SIVAGE, GERALD A.
	SANTA FE INDUSTRIES, INC.
	WOELFLE, ARTHUR W.
	SEARS, ROEBUCK AND CO.
	AYERS, THOMAS G.
	SWIFT, A. DEAN
	STANDARD OIL COMPANY OF INDIANA
	ABBOUD, ROBERT A.
QUAKER OATS CO.	CONTINENTAL ILLINOIS CORPORATION
	WOOD, ARTHUR M.
	GENERAL ELECTRIC COMPANY
	CATHCART, SILAS S.
	MICHELSON, GERTRUDE G.
	SCRIBNER, GILBERT H., JR.
	SEARS, ROEBUCK AND CO.
	WOOD, ARTHUR M.
SHENANDOAH OIL CORP.	PRUDENTIAL INSURANCE CO. OF AMERICA
	MCFARLAND, JAMES P.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION CARBIDE CORPORATION

ANDERSON, WARREN M.

BROWN, R. MANNING, JR.

ASSOCIATED DRY GOODS CORP.

CBS, INC.

BROWN, COURTNEY C.

CHEMICAL NEW YORK CORPORATION

PIVIROTT, RICHARD R.

PLATTEN, DONALD C.

EQUITABLE LIFE ASSURANCE

SEILER, LEWS P.

NEW YORK LIFE INSURANCE COMPANY

PIVIROTT, RICHARD R.

UNION PACIFIC CORPORATION

BROWN, COURTNEY C.

WESTINGHOUSE ELECTRIC CORPORATION

PIVIROTT, RICHARD R.

AVON PRODUCTS, INC.

ATLANTIC RICHFIELD COMPANY

WILSON, KENDRICK R., JR.

CHEMICAL NEW YORK CORPORATION

MOSBACHER, EMIL, JR.

MANUFACTURERS HANOVER CORPORATION

MITCHELL, DAVID W.

NEW YORK LIFE INSURANCE COMPANY

MITCHELL, DAVID W.

PCA CORP.

SELBY, CECILY C.

CALIFORNIA WATER SERVICE CO.

LOUISIANA LAND EXPLORATION CO.

MORGAN, J. P., AND CO., INC.

AETNA LIFE AND CASUALTY COMPANY

SMITH, OLCOTT D.

BETHLEHEM STEEL CORPORATION

FOY, LEWIS W.

PATTERSON, ELLMORE C.

BURLINGTON NORTHERN, INC.

DAVISON, DANIEL P.

CONTINENTAL CORPORATION, THE

LEACH, RALPH F.

DUPONT, E. I., DE NEMOURS AND CO.

JOHNSON, H. W.

EASTMAN KODAK COMPANY

FALLON, WALTER A.

FEDERATED DEPARTMENT STORES, INC.

JOHNSON, H. W.

FORD MOTOR CO.

BURGESS, CARTER L.

GENERAL ELECTRIC COMPANY

AUSTIN, J. PAUL

DICKEY, CHARLES D., JR.

PRESTON, LEWIS T.

GENERAL MOTORS CORP.

FALLON, WALTER A.

MORGENS, HOWARD J.

PATTERSON, ELLMORE C.

INTERNATIONAL BUSINESS MACHINES CORP.

CARY, FRANK T.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

JOHNSON, H. W.

METROPOLITAN LIFE INSURANCE COMPANY

HOUGHTON, J. R.

MISSOURI PACIFIC CORPORATION

SHAPLEIGH, WARREN M.

PROCTER AND GAMBLE COMPANY

MORGENS, HOWARD J.

PRUDENTIAL INSURANCE CO. OF AMERICA

PROCKNOW, DONALD E.

SANTA FE INDUSTRIES, INC.

PATTERSON, ELLMORE C.

SEARS, ROEBUCK AND CO.

SHULTZ, GEORGE P.

SOUTHERN RAILWAY COMPANY

LEACH, RALPH F.

WESTERN ELECTRIC CO., INC.

PROCKNOW, DONALD E.

NEW YORK LIFE INSURANCE COMPANY

AMERICAN ELECTRIC POWER COMPANY, INC.

STANTON, FRANK

ATLANTIC RICHFIELD COMPANY

STANTON, FRANK

BURLINGTON NORTHERN, INC.

BUDD, J. M.

CBS, INC.

STANTON, FRANK

THOMAS, FRANKLIN A.

CHEMICAL NEW YORK CORPORATION

PIVIROTT, RICHARD R.

RENCHARD, WILLIAM S.

CHRYSLER CORPORATION

HAUGE, GABRIEL

CITICORP

THOMAS, FRANKLIN A.

CONSOLIDATED EDISON CO OF NEW YORK

PERKINS, RICHARD S.

RENCHARD, WILLIAM S.

CROCKER NATIONAL CORPORATION

HULL, JEROME W.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION CARBIDE CORPORATION

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
STEVENS, J. P., & CO., INC. CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
MITCHELL, DAVID W.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
MITCHELL, DAVID W.
UNION CAMP CORP. SEABOARD COAST LINE INDUSTRIES, INC.
CALDER, ALEXANDER JR.
VOGTLE, ALVIN W., JR.
SOUTHERN COMPANY
VOGTLE, ALVIN W., JR.

DEJESUS, ROBERTO TORO
BANCO DE PONCE
PONCE HOTEL CORP.
PUERTO RICAN CEMENT CO., INC. AMERICAN AIR LINES, INC.
FERRE, ANTONIO LUIS
PUERTO-RICAN-AMERICAN INSURANCE CO., INC. FERRE, ANTONIO LUIS
FERGUSON, JAMES L.
CHASE MANHATTAN CORP.

AMERICAN EXPRESS COMPANY
FURLAUD, RICHARD M.
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONTINENTAL CORPORATION, THE
BARBER, CHARLES F.
LILLEY, ROBERT D.
EQUITABLE LIFE ASSURANCE
EKLUND, C. G.
EXXON CORPORATION
KAUFFMAN, HOWARD C.
FEDERATED DEPARTMENT STORES, INC.
LAZARUS, RALPH
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
GENERAL MOTORS CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
INTERNATIONAL BUSINESS MACHINES CORP.
HARRIS, PATRICIA R.
METROPOLITAN LIFE INSURANCE COMPANY
SHINN, RICHARD R.
NORTHWEST AIRLINES, INC.
BINGER, JAMES H.
SEARS, ROEBUCK AND CO.
PACE, NORMA T.
STANDARD OIL COMPANY OF INDIANA
SWEARINGEN, JOHN E.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.
GENERAL FOODS CORP. AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION CARBIDE CORPORATION

CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

FREEMAN, DOUGLAS H.
HESTER, JAMES M.
LEHMAN CORP., THE

EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
MARINE MIDLAND BANKS, INC.
PETTY, JOHN ROBERT
PAN AMERICAN WORLD AIRWAYS, INC.
SEAWELL, WILLIAM T.
RCA CORP.
PETTY, JOHN ROBERT

HOLLAND, JEROME HEARTWELL
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.

CHRYSLER CORPORATION

MCGILL, WILLIAM J. (DR.)
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.
WESTERN BANCORPORATION
CARTER, EDWARD W.
BANFAMERICA CORPORATION
HALABY, NAJEEB E.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
HEWLETT, WILLIAM R.
CONSUMERS POWER COMPANY
GRIFFITHS, MARTHA W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
BRYAN, ANTHONY J. A.
KRESGE, S. S., COMPANY
GRIFFITHS, MARTHA W.
MANUFACTURERS HANOVER CORPORATION
HAUGE, GABRIEL
NATIONAL DETROIT CORPORATION
GRIFFITHS, MARTHA W.
SEMPLER, ROBERT B.
NEW YORK LIFE INSURANCE COMPANY
HAUGE, GABRIEL
SOUTHERN RAILWAY COMPANY
BRYAN, ANTHONY J. A.
CHASE MANHATTAN CORP.
BARBER, CHARLES F.
LILLEY, ROBERT D.
CONSOLIDATED EDISON CO OF NEW YORK
PAINE, PETER S.
MANUFACTURERS HANOVER CORPORATION

CONTINENTAL CORPORATION, THE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION CARBIDE CORPORATION

RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
PUBLIC SERVICE ELECTRIC AND GAS CO.
EBERLE, EDWARD R.
SIVERD, CLIFFORD D.
WENTWORTH, NATHAN A.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY

CYLBRO CORP.

FEDERATED DEPARTMENT STORES, INC.

CHASE MANHATTAN CORP.
LAZARUS, RALPH
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
GENERAL ELECTRIC COMPANY
LAZARUS, RALPH
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
FIGGINS, W. P.
JOHNSON, H. W.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
LAZARUS, MAURICE
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.

GENERAL FOODS CORP.

AMERICAN EXPRESS COMPANY
BOHM, MAGNUS R.
CLARK, HOWARD L.
MARTIN, WILLIAM MCCHESENEY, JR.
MCCARDELL, ARCHIE R.
BANKERS TRUST NEW YORK CORP
TAVOULAREAS, WILLIAM P.
CATERPILLAR TRACTOR COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, HENRY R.
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE R.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
CLARK, HOWARD L.
TAVOULAREAS, WILLIAM P.
SHELL OIL COMPANY
COOK, C. W.
UNITED STATES STEEL CORPORATION
MARTIN, WILLIAM MCCHESENEY, JR.

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.
WHITMAN, MARINA V. N.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
GENERAL MOTORS CORP.
ROCHE, JAMES M.

NEW YORK STOCK EXCHANGE

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION CARBIDE CORPORATION

	MARINE MIDLAND BANKS, INC. OWENS, CORNELIUS W. PENNEY, J. C., CO., INC. BATTEN, WILLIAM M. MACBAIN, GAVIN KEITH
ZURN INDUSTRIES, INC. JACKSON, JACK B. PENNEY, J. C., CO., INC.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY BATTEN, WILLIAM M. ELLINGHAUS, WILLIAM M. BANKERS TRUST NEW YORK CORP ELLINGHAUS, WILLIAM M. JORDAN, VERNON E., JR. CITICORP SEIBERT, DONALD VINCENT WRISTON, WALTER B. EASTMAN KODAK COMPANY KREPS, JUANITA M. GENERAL ELECTRIC COMPANY WRISTON, WALTER B. WESTERN ELECTRIC CO., INC. KREPS, JUANITA M.
JONES, HORACE C. ALAN WOOD STEEL CO. BURLINGTON INDUSTRIES, INC.	CHASE MANHATTAN CORP. MYERS, CHARLES F., JR. SEABOARD COAST LINE INDUSTRIES, INC. CALDER, ALEXANDER JR. UNITED STATES STEEL CORPORATION MYERS, CHARLES F., JR.
PROVIDENT MUTUAL LIFE INSURANCE CO. OF PHILA. UNION CAMP CORP.	MORGAN, J. P., AND CO., INC. BROWN, R. MANNING, JR. NEW YORK LIFE INSURANCE COMPANY BROWN, R. MANNING, JR. SEABOARD COAST LINE INDUSTRIES, INC. CALDER, ALEXANDER JR. VOGTLE, ALVIN W., JR. SOUTHERN COMPANY VOGTLE, ALVIN W., JR. AMERICAN TELEPHONE AND TELEGRAPH COMPANY DAVIS, ARCHIE K. CHASE MANHATTAN CORP. MYERS, CHARLES F., JR. MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY WATLINGTON, J. E. JR. NORTHWESTERN MUTUAL LIFE INSURANCE CO BUTLER, A. L., JR. SOUTHERN RAILWAY COMPANY DAVIS, ARCHIE K. UNITED STATES STEEL CORPORATION MYERS, CHARLES F., JR.
WACHOVIA CORP.	
MASON, BIPNEY, JR. METROPOLITAN LIFE INSURANCE COMPANY	AMERICAN BROADCASTING COMPANIES JENKINS, GEORGE P. ATLANTIC RICHFIELD COMPANY PLACE, JOHN B. M. BETHLEHEM STEEL CORPORATION JENKINS, GEORGE P. CHARTER NEW YORK CORP. SMILEY, DONALD B. CHASE MANHATTAN CORP. SHINN, RICHARD R. CREMILLON NEW YORK CORPORATION FUNSTON, G. KEITH PLACE, JOHN B. M. CITICORP JENKINS, GEORGE P. COMMONWEALTH EDISON JOHNSON, G. E. CONSOLIDATED EDISON CO OF NEW YORK LUCE, CHARLES F. CROCKER NATIONAL CORPORATION SOLOMON, EMMETT G. EASTMAN KODAK COMPANY WALLIS, W. ALLEN EXXON CORPORATION PETERSON, MARTHA E. FIRST CHICAGO CORPORATION SIVAGE, GERALD A. GENERAL MOTORS CORP. MCCLAUGHLIN, W. EARLE SIVAGE, GERALD A. GOODYEAR TIRE AND RUBBER COMPANY HARPER, JOHN DICKESON INTERNATIONAL BUSINESS MACHINES CORP. FUNSTON, G. KEITH MELLON NATIONAL CORPORATION HARPER, JOHN DICKESON MORGAN, J. P., AND CO., INC. HOUGHTON, J. R. NORTHWEST AIRLINES, INC. LAIRD, M. R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION CARBIDE CORPORATION

	PACIFIC GAS AND ELECTRIC COMPANY
	SOLOMON, EMMETT G.
	PHILLIPS PETROLEUM COMPANY
	LAIRD, M. R.
	PROCTER AND GAMBLE COMPANY
	HARPER, JOHN DICKESON
	RCA CORP.
	SMILEY, DONALD B.
	UAL, INC.
	LUCE, CHARLES F.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
NORTH AMERICAN PHILLIPS COFF.	BANKERS TRUST NEW YORK CORP
	LAPHAM, LEWIS A.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	CHAPMAN, FRANK
	MELLON NATIONAL CORPORATION
	BYROM, FLETCHER L.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BYROM, FLETCHER L.
O'MARA, FRED B.	
SINCLAIR, IAN D.	
CANADIAN PACIFIC LTD.	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
GREAT LAKES PAPER CO., LTD.	
ROYAL BANK OF CANADA, THE	EASTERN AIRLINES, INC.
	HALL, FLOYD D.
	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
SEAGRAM C. LTD.	
SIMPSON'S LTD.	
SOO LINE RAILROAD CO.	
TRANS CANADA PIPE LINES, LTD.	CHRYSLER CORPORATION
	COLEMAN, JOHN H.
	DEGRANDPRE, A. JEAN
UNION CARBIDE (CANADA)	
SNEATH, WILLIAM S.	
FEDERAL RESERVE BANK OF NEW YORK	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
	GENERAL MOTORS CORP.
	PATTERSON, ELLMORE C.
	MORGAN, J. P., AND CO., INC.
	PATTERSON, ELLMORE C.
	SANTA FE INDUSTRIES, INC.
	PATTERSON, ELLMORE C.
METROPOLITAN LIFE INSURANCE COMPANY	
	AMERICAN BROADCASTING COMPANIES
	JENKINS, GEORGE P.
	ATLANTIC RICHFIELD COMPANY
	PLACE, JOHN B. M.
	BETHLEHEM STEEL CORPORATION
	JENKINS, GEORGE P.
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	CHASE MANHATTAN CORP.
	SHINN, RICHARD R.
	CHEMICAL NEW YORK CORPORATION
	FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	CITICORP
	JENKINS, GEORGE P.
	COMMONWEALTH EDISON
	JOHNSON, G. E.
	CONSOLIDATED EDISON CO OF NEW YORK
	LUCE, CHARLES F.
	CROCKER NATIONAL CORPORATION
	SOLOMON, EMMETT G.
	EASTMAN KODAK COMPANY
	WALLIS, W. ALLEN
	EXXON CORPORATION
	PETERSON, MARTHA E.
	FIRST CHICAGO CORPORATION
	SIVAGE, GERALD A.
	GENERAL MOTORS CORP.
	MCLAUGHLIN, W. EARLE
	SIVAGE, GERALD A.
	GOODYEAR TIRE AND RUBBER COMPANY
	HARPER, JOHN DICKESON
	INTERNATIONAL BUSINESS MACHINES CORP.
	FUNSTON, G. KEITH
	MELLON NATIONAL CORPORATION
	HARPER, JOHN DICKESON
	MORGAN, J. P., AND CO., INC.
	HOUGHTON, J. R.
	NORTHWEST AIRLINES, INC.
	LAIRD, M. R.
	PACIFIC GAS AND ELECTRIC COMPANY

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION CARBIDE CORPORATION

SOLOMON, EMMETT G.
 PHILLIPS PETROLEUM COMPANY
 LAIRD, M. R.
 PROCTER AND GAMBLE COMPANY
 HARPER, JOHN DICKESON
 RCA CORP.
 SMILEY, DONALD B.
 UAL, INC.
 LUCE, CHARLES F.
 UNITED STATES STEEL CORPORATION
 SMILEY, DONALD B.

WILSON, F. PERRY
 CONTINENTAL CORPORATION, THE

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEROME HEARTWELL
 CHASE MANHATTAN CORP.
 BARBER, CHARLES F.
 LILLEY, ROBERT D.
 CHRYSLER CORPORATION
 HOLLAND, JEROME HEARTWELL
 CONSOLIDATED EDISON CO OF NEW YORK
 PAINE, PETER S.
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 MANUFACTURERS HANOVER CORPORATION
 HOLLAND, JEROME HEARTWELL
 RICKER, JOHN B., JR.
 ZIPF, GEORGE G.
 MORGAN, J. P., AND CO., INC.
 LEACH, RALPH F.
 PUBLIC SERVICE ELECTRIC AND GAS CO.
 EBFRL, EDWARD R.
 SIVERD, CLIFFORD D.
 WENTWORTH, NATHAN A.
 SOUTHERN RAILWAY COMPANY
 LEACH, RALPH F.
 TRANS WORLD AIRLINES, INC.
 STEWART, PATRICIA CARRY
 CHARTER NEW YORK CORP.
 SMILEY, DONALD B.
 CHASE MANHATTAN CORP.
 DILLWORTH, J. RICHARDSON
 LILLEY, ROBERT D.
 CHRYSLER CORPORATION
 DILLWORTH, J. RICHARDSON
 CITICORP
 FOURAKER, LAWRENCE E.
 CONTINENTAL CORPORATION, THE
 LILLEY, ROBERT D.
 GENERAL ELECTRIC COMPANY
 MICHELSON, GERTRUDE G.
 METROPOLITAN LIFE INSURANCE COMPANY
 SMILEY, DONALD B.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 BEALE, O. E.
 FCA CORP.
 FOURAKER, LAWRENCE E.
 SMILEY, DONALD B.
 UNITED STATES STEEL CORPORATION
 SMILEY, DONALD B.

MACY, R. H., AND CO., INC.

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
 BEERS, WILLIAM O.
 AMERICAN BROADCASTING COMPANIES
 MACIOCE, THOMAS M.
 AMERICAN EXPRESS COMPANY
 HENLEY, HENRY H., JR.
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 HOLLAND, JEROME HEARTWELL
 LINDHOLM, WILLIAM L.
 CHRYSLER CORPORATION
 HAUGE, GABRIEL
 HOLLAND, JEROME HEARTWELL
 CONSOLIDATED EDISON CO OF NEW YORK
 BEINECKE, WILLIAM S.
 CONTINENTAL CORPORATION, THE
 HOLLAND, JEROME HEARTWELL
 RICKER, JOHN B., JR.
 ZIPF, GEORGE G.
 FEDERATED DEPARTMENT STORES, INC.
 HOLLAND, JEROME HEARTWELL
 GENERAL ELECTRIC COMPANY
 HENLEY, HENRY H., JR.
 GOODYEAR TIRE AND RUBBER COMPANY
 PILLIOD, CHARLES JULE, JR.
 NEW YORK LIFE INSURANCE COMPANY
 FINLEY, JAMES D.
 HAUGE, GABRIEL
 MITCHELL, DAVID W.
 SEARS, ROEBUCK AND CO.
 BEERS, WILLIAM O.
 SOUTHERN PACIFIC COMPANY
 MUNROE, GEORGE B.
 UNITED STATES STEEL CORPORATION
 BEERS, WILLIAM O.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION CARBIDE CORPORATION

	WESTINGHOUSE ELECTRIC CORPORATION
	MCGILLICUDDY, JOHN F.
	WHITMAN, MARINA V. N.
SMITH, A. O., CORP.	AMERICAN AIR LINES, INC.
	BEERS, WILLIAM O.
	GOODYEAR TIRE AND RUBBER COMPANY
	SMITH, LLOYD B.
	MANUFACTURERS HANOVER CORPORATION
	BEERS, WILLIAM O.
	SEARS, ROEBUCK AND CO.
	BEERS, WILLIAM O.
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION OIL COMPANY OF CALIFORNIA

BALLHAUS, WILLIAM F.
AMERACE CORP.
BECKMAN INDUSTRIES INC.
BRINEGAR, CLAUDE S.
BURKE, RAY A.
DI GIORGIO, ROBERT
BANKAMERICA CORPORATION

CHRYSLER CORPORATION
HALABY, NAJEEB E.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
OCCIDENTAL PETROLEUM CORPORATION
STEWART, SAMUEL BRADFORD
PACIFIC GAS AND ELECTRIC COMPANY
WENTE, EARL L.
PAN AMERICAN WORLD AIRWAYS, INC.
DILLINGHAM, LOWELL S.
SOUTHERN CALIFORNIA EDISON COMPANY
MCDANIEL, THOMAS M., JR.
STANDARD OIL COMPANY OF CALIFORNIA
GRAY, JOHN R.
UAL, INC.
BRIMMER, ANDREW F.

CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
CARTER, EDWARD W.
HALE, STANTON G.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
CARTER, EDWARD W.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
NEW YORK LIFE INSURANCE COMPANY
HULL, JEROME W.

DIGIORGIO CORP.

NEWHALL LAND & FARMING CO.
PACIFIC TELEPHONE & TELEGRAPH CO.

ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
SMITH, WILLIAM FRENCH
SOLOMON, EMMETT G.
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
NEW YORK LIFE INSURANCE COMPANY
HULL, JEROME W.
PACIFIC GAS AND ELECTRIC COMPANY
HASS, WALTER A.
SOLOMON, EMMETT G.
SECURITY PACIFIC CORP.
DUCCOMMUN, CHARLES F.
SOUTHERN CALIFORNIA EDISON COMPANY
HALE, STANTON G.

DOHENY, WILLIAM H.
HALE, PRENTIS C.

CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
CARTER, EDWARD W.
HALE, STANTON G.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
WESTERN BANCORPORATION
BARKER, NORMAN, JR.
CARTER, EDWARD W.
CROCKER NATIONAL CORPORATION
WAUGHN, JOHN V.
WELLS FARGO AND COMPANY
MILLER, PAUL A.
AMERICAN ELECTRIC POWER COMPANY, INC.

PACIFIC LIGHTING CORP.

SANTA FE INDUSTRIES, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION OIL COMPANY OF CALIFORNIA

	ZWIENER, KENNETH V.
	BETHLEHEM STEEL CORPORATION
	PATTERSON, ELLMORE C.
	FIRST CHICAGO CORPORATION
	WOELFLE, ARTHUR W.
	GENERAL MOTORS CORP.
	PATTERSON, ELLMORE C.
	INTERNATIONAL HARVESTER COMPANY
	RATTALIATA, JOHN T.
	MORGAN, J. P., AND CO., INC.
	PATTERSON, ELLMORE C.
	WESTERN ELECTRIC CO., INC.
	LAWRENCE, JOHN L.
	RATTALIATA, JOHN T.
SYNTEX CORP.	
HARTLEY, FRED L.	
INTERNATIONAL SPEEDWAY CORP.	
ROCKWELL INTERNATIONAL CORP.	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	MELLON NATIONAL CORPORATION
	ROCKWELL, WILLARD F., JR.
	MOBIL CORPORATION
	DONNELL, EDWARD S.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
	LARKIN, FREDERICK G., JR.
	SOUTHERN CALIFORNIA EDISON COMPANY
	LARKIN, FREDERICK G., JR.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
HENDERSON, T. C.	
COLLIER CARBON & CHEMICAL CORP.	
JACOBS, DONALD P.	
MCCONNOR, WILLIAM S.	
INTERNATIONAL SPEEDWAY CORP.	
O'MALLEY, PETER	
PARKER, CHARLES F.	
CYPRUS PIMA MINING CO.	GENERAL ELECTRIC COMPANY
	LITTLEFIELD, EDMUND W.
	SOUTHERN PACIFIC COMPANY
	LITTLEFIELD, EDMUND W.
	WELLS FARGO AND COMPANY
	LITTLEFIELD, EDMUND W.
TATUM, DONN B.	
GREYHOUND CORP.	
WALT DISNEY PRODUCTIONS	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION PACIFIC CORPORATION

BARNETT, FRANK E.
CITICORP

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENEPALE ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
FROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
FCA CORP.
FOUPAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
UNITED STATES STEEL CORPORATION
WINGATE, HENRY S.
CHEMICAL NEW YORK CORPORATION
PIVIROTT, RICHARD R.
PLATTEN, DONALD C.
EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PIVIROTT, RICHARD R.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
WESTINGHOUSE ELECTRIC CORPORATION
PIVIROTT, RICHARD R.
CHEMICAL NEW YORK CORPORATION
MARUSI, AUGUSTINE R.
RENCHARD, WILLIAM S.
RICE, WILLIAM THOMAS
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WIEN, LAWRENCE A.
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
WOOLWORTH, F. W., CO.
CARPY, PATRICIA J.
AMERICAN ELECTRIC POWER COMPANY, INC.

SEAMAN'S BANK FOR SAVINGS

BROWN, COURTNEY C.
ASSOCIATED DRY GOODS CORP.

BORDEN, INC.

CBS, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION PACIFIC CORPORATION

	STANTON, FRANK
	ATLANTIC RICHFIELD COMPANY
	STANTON, FRANK
	CITICORP
	THOMAS, FRANKLIN A.
	EASTERN AIRLINES, INC.
	GILPATRIC, ROSWELL L.
	NEW YORK LIFE INSURANCE COMPANY
	STANTON, FRANK
	THOMAS, FRANKLIN A.
	PAN AMERICAN WORLD AIRWAYS, INC.
	STANTON, FRANK
	TREE, MARIETTA
COOK, WILLIAM S.	
ECCLES, GEORGE S.	
AMALGAMATED SUGAR CO.	
AMERICAN BANKERS INSURANCE CO.	
FARMERS GROUP, INC.	
FIRST SECURITY CORP.	
	CONSOLIDATED FREIGHTWAYS, INC.
	TANNER, N. ELDON
	TENNECO, INC.
	HAGGIN, LOUIS LEE, II
	WESTERN ELECTRIC CO., INC.
	KENEFFICK, JOHN C.
HUSKY OIL CO.	
TEXAS GULF, INC.	
	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	EASTMAN KODAK COMPANY
	MEYER, JOHN M., JR.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	THOMSON, RICHARD M.
	RCA CORP.
	SMILEY, DONALD B.
	UNITED STATES STEEL CORPORATION
	MEYER, JOHN M., JR.
	SMILEY, DONALD B.
UTAH INTERNATIONAL, INC.	
	CHASE MANHATTAN CORP.
	HEWLETT, WILLIAM R.
	CHRYSLER CORPORATION
	HEWLETT, WILLIAM R.
	FORD MOTOR CO.
	MILLER, ARJAY
	GENERAL ELECTRIC COMPANY
	LITTLEFIELD, EDMUND W.
	MOBIL CORPORATION
	BORCH, FRED J.
	SOUTHERN PACIFIC COMPANY
	LITTLEFIELD, EDMUND W.
	WELLS FARGO AND COMPANY
	LITTLEFIELD, EDMUND W.
	MILLER, ARJAY
ECCLES, SPENCER F.	
AUBREY LANSTON AND CO.	
FIRST SECURITY CORP.	
	CONSOLIDATED FREIGHTWAYS, INC.
	TANNER, N. ELDON
	TENNECO, INC.
	HAGGIN, LOUIS LEE, II
	WESTERN ELECTRIC CO., INC.
	KENEFFICK, JOHN C.
EVANS, JAMES H.	
BRISTOL-MYERS CO.	
	AMERICAN EXPRESS COMPANY
	HENLEY, HENRY H., JR.
	ROBINSON, JAMES D., III
	WALLACE, MARTHA REDFIELD
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	ELLINGHAUS, WILLIAM M.
	BANKERS TRUST NEW YORK CORP
	ELLINGHAUS, WILLIAM M.
	GELB, RICHARD L.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	PENNEY, J. C., CO., INC.
	ELLINGHAUS, WILLIAM M.
DUN AND BRADSTREET COMPANIES, INC.	
	BANKERS TRUST NEW YORK CORP
	BROOKS, JOHN W.
	THAYER, WALTER N.
	BRANIFF INTERNATIONAL CORPORATION
	THAYER, RUSSELL
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	GULF OIL CORPORATION
	SINGER, EDWIN
	SEABOARD COAST LINE INDUSTRIES, INC.
	MCGUIRK, WILLIAM EDWARD, JR.
	CITICORP
	BARNETT, FRANK E.
SEAMAN'S BANK FOR SAVINGS	
	CONSOLIDATED EDISON CO OF NEW YORK

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION PACIFIC CORPORATION

	CONWAY, VIRGIL E.
	UNITED STATES STEEL CORPORATION
	WINGATE, HENRY S.
GERRY, ELBRIDGE T.	
BROWN, BROTHERS, AND HARRIMAN	
DOUBLEDAY & CO.	
GERRY BROTHERS AND CO.	
GRANT, WILLIAM D.	
BUSINESS MENS ASSURANCE CO. OF AMERICA	
COLORADO NATIONAL BANKSHAPES, INC.	
	BURLINGTON NORTHERN, INC.
	ROCKWELL, BRUCE M.
	UAL, INC.
	PETRY, NICHOLAS R.
KANSAS CITY POWER & LIGHT CO.	
HARRIMAN, E. POLAND	
BROWN, BROTHERS, AND HARRIMAN	
MERCHANT-STEPLING CORP.	
KENEFICK, JOHN C.	
FIRST SECURITY CORP.	
	CONSOLIDATED FREIGHTWAYS, INC.
	TANNER, N. ELDON
	TENNECO, INC.
	HAGGIN, LOUIS LEE, II
GUARANTEE MUTUAL LIFE CO.	
OMAHA NAT. BANK	
WESTERN ELECTRIC CO., INC.	
	PANKERS TRUST NEW YORK CORP
	BICKMORE, LEE S.
	CHAPTER NEW YORK CORP.
	BURCHAM, LESTER A.
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	INTERNATIONAL HARVESTER COMPANY
	PATTALIATA, JOHN T.
	MORGAN, J. P., AND CO., INC.
	PROCKNOW, DONALD E.
	PENNEY, J. C., CO., INC.
	KREPS, JUANITA M.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PROCKNOW, DONALD E.
	SANTA FE INDUSTRIES, INC.
	LAWPENCE, JOHN L.
	PATTALIATA, JOHN T.
	WOOLWORTH, F. W., CO.
	BURCHAM, LESTER A.
	GUSHMAN, JOHN LOUIS
LAWLER, OSCAR T.	
SECURITY PACIFIC CORP.	
	ATLANTIC RICHFIELD COMPANY
	BRADSHAW, THORNTON F.
	GENERAL ELECTRIC COMPANY
	BOSWELL, JAMES G., II
	GOODYEAR TIRE AND RUBBER COMPANY
	ANDERSON, ROBERT B.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	PCA CORP.
	BRADSHAW, THORNTON F.
	SAFEWAY STORES, INC.
	BOSWELL, JAMES G., II
	SOUTHERN CALIFORNIA EDISON COMPANY
	LARKIN, FREDERICK G., JR.
	SMITH, R. RUSSELL
	VON HAGEN, RICHARD R.
LOVETT, ROBERT A.	
BROWN BROS. HARRIMAN & CO.	
	AMERICAN EXPRESS COMPANY
	ROOSA, ROBERT V.
	SOUTHERN RAILWAY COMPANY
	IRELAND, R. L.
	TEXACO, INC.
	ROOSA, ROBERT V.
	AMERICAN ELECTRIC POWER COMPANY, INC.
	STANTON, FRANK
	ATLANTIC RICHFIELD COMPANY
	STANTON, FRANK
	CITICORP
	THOMAS, FRANKLIN A.
	EASTERN AIRLINES, INC.
	GILPATRIC, ROSWELL L.
	NEW YORK LIFE INSURANCE COMPANY
	STANTON, FRANK
	THOMAS, FRANKLIN A.
	PAN AMERICAN WORLD AIRWAYS, INC.
	STANTON, FRANK
	TREE, MARIETTA
MILLER, MORRIS F.	
MILLIKEN, MINOT K.	
DEERING MILLIKEN, INC.	
GREAT NORTHERN NEKOOSA CORP.	
	AMERICAN EXPRESS COMPANY
	AMMIDON, HOYT
	CONSOLIDATED EDISON CO OF NEW YORK
	PAINE, PETER S.
	CONTINENTAL CORPORATION, THE
	PAINE, PETER S.
	FIRST NATIONAL BOSTON CORP.
	MILLER, E. SPENCER

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION PACIFIC CORPORATION

IRVING TRUST CO.	MARINE MIDLAND BANKS, INC. OWEN, NATHAN R. CHARTER NEW YORK CORP. WALLIS, GORDON T. CONSOLIDATED EDISON CO OF NEW YORK PAINE, PETER S. CONTINENTAL CORPORATION, THE PAINE, PETER S. WOOLWORTH, F. W., CO. WALLIS, GORDON T.
MERCANTILE STORES CO., INC.	CITICORP MILLIKEN, ROGER KROGER COMPANY, THE SHAW, R. NELSON UNITED STATES STEEL CORPORATION MOORE, GEORGE S. WESTINGHOUSE ELECTRIC CORPORATION MILLIKEN, ROGER
MITCHELL, HAMILTON B. CHARTER NEW YORK CORP.	GENERAL TELEPHONE AND ELECTRONICS CORP. BROPHY, THEODORE F. KNOWLES, JOHN H., M.D. MURPHY, GEORGE A. METROPOLITAN LIFE INSURANCE COMPANY SMILEY, DONALD B. NORTHEAST UTILITIES SILLIN, LELAN F., JR. RCA CORP. SMILEY, DONALD B. SHELL OIL COMPANY BOOKOUT, JOHN F. UNITED STATES STEEL CORPORATION SMILEY, DONALD B. WESTERN ELECTRIC CO., INC. BURCHAM, LESTER A. WOOLWORTH, F. W., CO. BURCHAM, LESTER A. WALLIS, GORDON T.
DUN & BRADSTREET IRVING TRUST PALMER, EDWARD LEWIS CITICORP	AETNA LIFE AND CASUALTY COMPANY GRAY, HARRY J. AMERICAN BROADCASTING COMPANIES JENKINS, GEORGE P. AMERICAN TELEPHONE AND TELEGRAPH COMPANY DEBUTTS, JOHN D. BETHLEHEM STEEL CORPORATION JENKINS, GEORGE P. CBS, INC. THOMAS, FRANKLIN A. DUPONT, E. I., DE NEMOURS AND CO. SHAPIRO, IRVING S. EASTMAN KODAK COMPANY HATFIELD, ROBERT S. EQUITABLE LIFE ASSURANCE SHELDON, ELEANOR H. B. EXXON CORPORATION GARVIN, CLIFTON C., JR. GRAY, HARRY J. FORD MOTOR CO. OELMAN, ROBERT S. GENERAL ELECTRIC COMPANY WRISTON, WALTER B. GENERAL MOTORS CORP. DEBUTTS, JOHN D. HATFIELD, ROBERT S. INTERNATIONAL BUSINESS MACHINES CORP. HOUGHTON, AMORY, JR. SHAPIRO, IRVING S. METROPOLITAN LIFE INSURANCE COMPANY JENKINS, GEORGE P. MOBIL CORPORATION SHELDON, ELEANOR H. B. NEW YORK LIFE INSURANCE COMPANY THOMAS, FRANKLIN A. PENNEY, J. C., CO., INC. SEIBERT, DONALD VINCENT WRISTON, WALTER B. PROCTER AND GAMBLE COMPANY OELMAN, ROBERT S. RCA CORP. FOURAKER, LAWRENCE E. SEARS, ROEBUCK AND CO. SPENCER, WILLIAM I. SOUTHERN PACIFIC COMPANY HANLEY, JAMES W. STANDARD OIL COMPANY OF CALIFORNIA HAYNES, HAROLD J. PIGOTT, CHARLES M. UNITED STATES STEEL CORPORATION DEBUTTS, JOHN D. WESTINGHOUSE ELECTRIC CORPORATION MILLIKEN, ROGER

COMPANY LISTING WITH SECONDARY INTERLOCUTORY TRUNK DIRECTOR
 POF UNION PACIFIC CORPORATION
 CORNING GLASS WORKS

AMERICAN AIR LINES, INC.
 BURR, FRANCIS H.
 CBS, INC.
 GILPATRICK, ROSWELL L.
 CITICORP
 HOUGHTON, AMORY, JR.
 EASTERN AIRLINES, INC.
 GILPATRICK, ROSWELL L.
 EASTMAN KODAK COMPANY
 PERVINS, DONALD S.
 EQUITABLE LIFE ASSURANCE
 BURR, FRANCIS H.
 INTERNATIONAL BUSINESS MACHINES CORP.
 HOUGHTON, AMORY, JR.
 METROPOLITAN LIFE INSURANCE COMPANY
 HOUGHTON, J. P.
 MORGAN, J. P., AND CO., INC.
 HOUGHTON, J. P.
 DEL MONTE CORP.
 CROCKER NATIONAL CORPORATION
 LANDIS, EDWARD G.
 PACIFIC GAS AND ELECTRIC COMPANY
 BONNER, JOHN P.
 EAMES, ALFRED W.
 MONSANTO CO.
 CITICORP
 HANLEY, JAMES W.
 DUKE POWER CO
 MICHEL, EMIL
 SEABOARD COAST LINE INDUSTRIES, INC.
 ECK, JOHN R.
 MICHEL, EMIL
 SOUTHERN PACIFIC COMPANY
 HANLEY, JAMES W.
 TRANS WORLD AIRLINES, INC.
 SOMMER, CHARLES H., JR.
 MUTUAL LIFE INSURANCE CO. OF NEW YORK
 HANOVER TRUST NEW YORK CORP
 BICKMORE, LEE S.
 CHEMICAL NEW YORK CORPORATION
 NEWMAN, JAMES WILSON
 CROCKER NATIONAL CORPORATION
 WILCOX, THOMAS P.
 TEXACO, INC.
 MCCALL, HOWARD W., JR.
 TRANS WORLD AIRLINES, INC.
 TILLINGHAST, CHARLES C.
 WELLS FARGO AND COMPANY
 MILLER, PAUL A.
 WESTERN ELECTRIC CO., INC.
 BICKMORE, LEE S.
 PHILIPS DODGE CORP.
 MANUFACTURERS HANOVER CORPORATION
 MUNROE, GEORGE B.
 MELLON NATIONAL CORPORATION
 REA, WILLIAM H.
 MORGAN, J. P., AND CO., INC.
 SCHROEDER, JOHN P.
 SOUTHERN PACIFIC COMPANY
 MUNROE, GEORGE B.
 ROBINSON, JAMES D., III
 AMERICAN EXPRESS COMPANY
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 WARNER, RAWLEIGH, JR.
 CATERPILLAR TRACTOR COMPANY
 MARTIN, WILLIAM MCCHESENEY, JR.
 WARNER, RAWLEIGH, JR.
 CHASE MANHATTAN CORP.
 FRIEDLAND, RICHARD M.
 CHEMICAL NEW YORK CORPORATION
 WALLACE, MARTHA REDFIELD
 WARNER, RAWLEIGH, JR.
 CONNECTICUT GENERAL LIFE INSURANCE COMPANY
 ETHERINGTON, EDWIN D.
 CONTINENTAL OIL COMPANY
 MCCARDLE, ARCHIE R.
 GENERAL ELECTRIC COMPANY
 HENLEY, HENRY H., JR.
 INTERNATIONAL BUSINESS MACHINES CORP.
 MARTIN, WILLIAM MCCHESENEY, JR.
 MANUFACTURERS HANOVER CORPORATION
 HENLEY, HENRY H., JR.
 MOBIL CORPORATION
 CLARK, HOWARD L.
 WARNER, RAWLEIGH, JR.
 TEXACO, INC.
 ROOSA, ROBERT V.
 UNITED STATES STEEL CORPORATION
 MARTIN, WILLIAM MCCHESENEY, JR.
 BRISTOL-MYERS CO.
 AMERICAN EXPRESS COMPANY
 HENLEY, HENRY H., JR.
 WALLACE, MARTHA REDFIELD
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 ELLINGHAUS, WILLIAM M.
 HANOVER TRUST NEW YORK CORP
 ELLINGHAUS, WILLIAM M.
 GELB, RICHARD L.
 CHEMICAL NEW YORK CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION PACIFIC CORPORATION

	WALLACE, MARTHA REDFIELD
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	PENNEY, J. C., CO., INC.
	ELLINGHAUS, WILLIAM M.
COCA-COLA CO.	GENERAL ELECTRIC COMPANY
	AUSTIN, J. PAUL
	MORGAN, J. P., AND CO., INC.
	AUSTIN, J. PAUL
FIREMAN'S FUND INSURANCE CO.	AMERICAN EXPRESS COMPANY
	CLARK, HOWARD L.
	DUBAIN, MYRON
	LOEBBECKE, ERNEST J.
	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	PACIFIC GAS AND ELECTRIC COMPANY
	EAMES, ALFRED W.
	GERDES, ROBERT H.
TRUST COMPANY OF GEORGIA	DELTA AIR LINES CORPORATION
	DOLSON, CHARLES H.
	GARRETT, DAVID C., JR.
	GENERAL ELECTRIC COMPANY
	AUSTIN, J. PAUL
	MORGAN, J. P., AND CO., INC.
	AUSTIN, J. PAUL
	TRAVELERS INSURANCE COMPANY
	GARRETT, DAVID C., JR.
WEST POINT-PEPPERELL, INC.	ATLANTIC RICHFIELD COMPANY
	WILSON, KENDRICK R., JR.
	GENERAL ELECTRIC COMPANY
	LAWRENCE, JOHN E.
	SEABOARD COAST LINE INDUSTRIES, INC.
	WOLEACH, WILLIAM W.
ROTH, ROBERT W.	BURLINGTON NORTHERN, INC.
CROWN ZELLERBACH CORP.	HENDRICKSON, ROBERT M.
	CONSOLIDATED EDISON CO OF NEW YORK
	MUMFORD, MILTON C.
	EQUITABLE LIFE ASSURANCE
	HENDRICKSON, ROBERT M.
	MUMFORD, MILTON C.
	PACIFIC GAS AND ELECTRIC COMPANY
	DAHL, C. RAYMOND
HAYDEN ISLAND INC.	FIRST CHICAGO CORPORATION
JANTZEN INC.	GREY, JOHN D.
	WESTERN BANCORPORATION
	VOSS, RALPH H.
PORTLAND GENERAL ELECTRIC CO.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WESTERN BANCORPORATION	CARTER, EDWARD W.
	SOUTHERN CALIFORNIA EDISON COMPANY
	BARKER, NORMAN, JR.
	CARTER, EDWARD W.
	HORTON, JACK K.
	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	STANDARD OIL COMPANY OF CALIFORNIA
	KELLER, GEORGE M.
	TRANS WORLD AIRLINES, INC.
	THOFTON, CHARLES B.
SHUTTLEWORTH, H. B.	
AMERICAN LIFE INSURANCE CO. OF NEW YORK	
SMITH, WILLIAM T.	
CHAMPION PETROLEUM CO.	
TAYLOR, VERNON F., JR.	
COLORADO NATIONAL BANKSHARES, INC.	
	BURLINGTON NORTHERN, INC.
	ROCKWELL, BRUCE M.
	UAL, INC.
	PETRY, NICHOLAS R.
INTERNATIONAL MINERALS & CHEMICAL CORP.	
	BANKERS TRUST NEW YORK CORP
	BAYLIS, CHESTER, JR.
	LENON, RICHARD A.
	CHRYSLER CORPORATION
	COLEMAN, JOHN H.
	KRESGE, S. S., COMPANY
	PURCELL, ROBERT W.
	MELLON NATIONAL CORPORATION
	RYAN, JOHN T., JR.
PLACER DEVELOPMENT LTD.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNION SERVICE CORPORATION

BROWN, FRED ELMORE
CURPIE, STANLEY RALPH
DEAVEFS, KAPL ALAN
DOOMAN, CALVERT
LAWSON, JOHN SCHULTZ

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

BEERS, WILLIAM O.

ALLIS-CHALMERS CORP.

AMERICAN AIR LINES, INC.

KRAFTCO CORP.

MANUFACTURERS HANOVER CORPORATION

SEARS, ROEBUCK AND CO.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

STEVENSON, ROBERT S.

TRAVELERS INSURANCE COMPANY

SCOTT, DAVID C.

WILKINS, ROGER C.

DETROIT EDISON COMPANY

FISCHER, CHARLES T., III

EQUITABLE LIFE ASSURANCE

BURR, FRANCIS H.

FLEISCHMANN, MANLY

GENERAL MOTORS CORP.

FISCHER, CHARLES T., III

MARINE MIDLAND BANKS, INC.

SADLER, MARION

NATIONAL DETROIT CORPORATION

FISCHER, CHARLES T., III

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

ATLANTIC RICHFIELD COMPANY

INGERSOLL, ROBERT S.

BANKERS TRUST NEW YORK CORP

THAYER, WALTER N.

CATERPILLAR TRACTOR COMPANY

INGERSOLL, ROBERT S.

CITICORP

DEBUTTS, JOHN D.

CONTINENTAL CORPORATION, THE

ZIFF, GEORGE G.

FIRST CHICAGO CORPORATION

INGERSOLL, ROBERT S.

WOELFLE, ARTHUR W.

GENERAL MOTORS CORP.

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

MANUFACTURERS HANOVER CORPORATION

MCGILLICUDDY, JOHN F.

ZIFF, GEORGE G.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

CLEARY, CATHERINE B.

SANTA FE INDUSTRIES, INC.

WOELFLE, ARTHUR W.

WESTINGHOUSE ELECTRIC CORPORATION

MCGILLICUDDY, JOHN F.

AMERICAN BROADCASTING COMPANIES

MACIOCE, THOMAS M.

AMERICAN EXPRESS COMPANY

HENLEY, HENRY H., JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

LINDHOLM, WILLIAM L.

CHRYSLER CORPORATION

HAUGE, GABRIEL

HOLLAND, JEROME HEARTWELL

CONSOLIDATED EDISON CO OF NEW YORK

BEINECKE, WILLIAM S.

CONTINENTAL CORPORATION, THE

HOLLAND, JEROME HEARTWELL

RICKER, JOHN B., JR.

WILSON, F. PERRY

ZIFF, GEORGE G.

FEDERATED DEPARTMENT STORES, INC.

HOLLAND, JEROME HEARTWELL

GENERAL ELECTRIC COMPANY

HENLEY, HENRY H., JR.

GOODYEAR TIRE AND RUBBER COMPANY

PILLIOD, CHARLES JULE, JR.

NEW YORK LIFE INSURANCE COMPANY

FINLEY, JAMES D.

HAUGE, GABRIEL

MITCHELL, DAVID W.

SOUTHERN PACIFIC COMPANY

MUNROE, GEORGE B.

UNION CARBIDE CORPORATION

HOLLAND, JEROME HEARTWELL

WILSON, F. PERRY

WESTINGHOUSE ELECTRIC CORPORATION

MCGILLICUDDY, JOHN F.

WHITMAN, MARINA V. N.

CHASE MANHATTAN CORP.

PACE, NORMA T.

CHEMICAL NEW YORK CORPORATION

BUTTON, JAMES W.

CITICORP

SPENCER, WILLIAM I.

COMMONWEALTH EDISON

AYERS, THOMAS G.

SWIFT, A. DEAN

CONTINENTAL ILLINOIS CORPORATION

WOOD, ARTHUR M.

CROCKER NATIONAL CORPORATION

LOWE, JOHN G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

SMITH, A. O., CORP.

BRANCH, HARLEE, JR.
GENERAL MOTORS CORP.

FIRST CHICAGO CORPORATION
AYERS, THOMAS G.
SWIFT, A. DEAN
MORGAN, J. P., AND CO., INC.
SHULTZ, GEORGE P.
CONTINENTAL CORPORATION, THE
WILSON, F. PERRY
GOODYEAR TIRE AND RUBBER COMPANY
SMITH, LLOYD B.
MANUFACTURERS HANOVER CORPORATION
WILSON, F. PERRY
UNION CARBIDE CORPORATION
WILSON, F. PERRY

AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD

CITICORP
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.

GENERAL RECREATION CORP.
INTERFINANCIAL INC.
DEBUTTS, JOHN D.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATEPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

CITICORP

GENERAL MOTORS CORP.

BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WESTERN BANCORPORATION
CARTER, EDWARD W.
AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
WESTINGHOUSE ELECTRIC CORPORATION
MILLIKEN, ROGER
AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
CHASE MANHATTAN CORP.
CONNOR, JOHN T.
SMITH, J. STANFORD
CITICORP
HATFIELD, ROBERT S.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
HATFIELD, ROBERT S.
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
MELLON NATIONAL CORPORATION
MAYER, JOHN A.
METROPOLITAN LIFE INSURANCE COMPANY
MC LAUGHLIN, W. EARLE
SIVAGE, GERALD A.
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
MORGENS, HOWARD J.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

KRAFTCO CORP.

PATTERSON, ELLMORE C.
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
GERSTENBERG, RICHARD C.
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CLEARY, CATHERINE B.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
BANKERS TRUST NEW YORK CORP
THAYER, WALTER N.
CATERPILLAR TRACTOR COMPANY
INGERSOLL, ROBERT S.
CONTINENTAL CORPORATION, THE
ZIPF, GEORGE G.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
MANUFACTURERS HANOVER CORPORATION
BEERS, WILLIAM O.
MCGILLICUDDY, JOHN F.
ZIPF, GEORGE G.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
SANTA FE INDUSTRIES, INC.
WOELFLE, ARTHUR W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
WESTINGHOUSE ELECTRIC CORPORATION
MCGILLICUDDY, JOHN F.

FILER, JOHN H.

AETNA LIFE AND CASUALTY COMPANY

CITICORP
GRAY, HARRY J.
EASTMAN KODAK COMPANY
SHERMAN, ROBERT A.
EXXON CORPORATION
GRAY, HARRY J.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
TAYLOR, HOBART, JR.
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
WESTINGHOUSE ELECTRIC CORPORATION
TAYLOR, HOBART, JR.

GOTT, EDWIN H.

INTERNATIONAL HUSKY, INC.
MELLON NATIONAL CORPORATION

EQUITABLE LIFE ASSURANCE
FISHER, A. W.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
GULF OIL CORPORATION
HIGGINS, JAMES H.
PEARSON, NATHAN W.
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PROCTER AND GAMBLE COMPANY
HARPER, JOHN DICKESON
WESTINGHOUSE ELECTRIC CORPORATION
BURNHAM, DONALD C.

HERZOG, RAYMOND H.

FIRST BANK SYSTEM, INC.

BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
NASON, PHILIP H.
FIRST CHICAGO CORPORATION
MENK, LOUIS W.
INTERNATIONAL HARVESTER COMPANY
MENK, LOUIS W.
NORTHWEST AIRLINES, INC.
NYROP, DONALD W.

MINNESOTA MINING & MANUFACTURING CO.

CATERPILLAR TRACTOR COMPANY
MORGAN, LEE L.
CHASE MANHATTAN CORP.
BINGER, JAMES H.
FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
FIRST CHICAGO CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

	MORGAN, LEE L.
	NORTHWEST AIRLINES, INC.
NORTHWEST AIRLINES, INC.	BINGER, JAMES H.
	CHASE MANHATTAN CORP.
	BINGER, JAMES H.
	FIRST BANK SYSTEM, INC.
	NYROP, DONALD W.
	METROPOLITAN LIFE INSURANCE COMPANY
	LAIRD, M. R.
	NORTHWEST BANCORPORATION
	MCNEELEY, DONALD G.
	PHILLIPS PETROLEUM COMPANY
	LAIRD, M. R.
WALTER, JIM, CORP.	GENERAL TELEPHONE AND ELECTRONICS CORP.
	WALTER, JAMES W.
LARRY, R. HEATH	CHEMICAL NEW YORK CORPORATION
PITTSBURGH NATIONAL CORP.	HILLMAN, HENRY L.
	GENERAL ELECTRIC COMPANY
	HILLMAN, HENRY L.
	NATIONAL DETROIT CORPORATION
	STINSON, GEORGE A.
	WESTINGHOUSE ELECTRIC CORPORATION
	WILCOX, GEORGE L.
TEXTRON, INC.	SANTA FE INDUSTRIES, INC.
	SISCO, JEAN HEAD
MARTIN, WILLIAM MCCHESNEY, JR.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AMERICAN EXPRESS COMPANY	WARNER, RAWLEIGH, JR.
	CATERPILLAR TRACTOR COMPANY
	WARNER, RAWLEIGH, JR.
	CHASE MANHATTAN CORP.
	FURLAUD, RICHARD M.
	CHEMICAL NEW YORK CORPORATION
	WALLACE, MARTHA REDFIELD
	WARNER, RAWLEIGH, JR.
	CONNECTICUT GENERAL LIFE INSURANCE COMPANY
	ETHERINGTON, EDWIN D.
	CONTINENTAL OIL COMPANY
	MCCARDELL, ARCHIE R.
	GENERAL ELECTRIC COMPANY
	HENLEY, HENRY H., JR.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MOBIL CORPORATION
	CLARK, HOWARD L.
	WARNER, RAWLEIGH, JR.
	TEXACO, INC.
	POOSA, ROBERT V.
	UNION PACIFIC CORPORATION
	ROBINSON, JAMES D., III
CATERPILLAR TRACTOR COMPANY	AMERICAN EXPRESS COMPANY
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY
	INGERSOLL, ROBERT S.
	CHEMICAL NEW YORK CORPORATION
	WARNER, RAWLEIGH, JR.
	EXXON CORPORATION
	FRANKLIN, WILLIAM H.
	FIRST CHICAGO CORPORATION
	INGERSOLL, ROBERT S.
	MORGAN, LEE L.
	MOBIL CORPORATION
	WARNER, RAWLEIGH, JR.
	SHELL OIL COMPANY
	BLACKIE, WILLIAM
	STANDARD OIL COMPANY OF CALIFORNIA
	PACKARD, DAVID
	TRANS WORLD AIRLINES, INC.
	PACKARD, DAVID
DOW JONES AND CO., INC.	GENERAL ELECTRIC COMPANY
	AUSTIN, J. PAUL
	MOBIL CORPORATION
	RIORDAN, JAMES QUENTIN
	MORGAN, J. P., AND CO., INC.
	AUSTIN, J. PAUL
	SEARS, ROEBUCK AND CO.
	MEYER, CHARLES A.
ELI LILLY & CO.	CHEMICAL NEW YORK CORPORATION
	WOOD, RICHARD D.
	INTERNATIONAL BUSINESS MACHINES CORP.
	WILLIAMS, ALBERT L.
	MOBIL CORPORATION
	WILLIAMS, ALBERT L.
	STANDARD OIL COMPANY OF INDIANA
	WOOD, RICHARD D.
FREEPORT MINERALS CO.	CHEMICAL NEW YORK CORPORATION
	BERKELEY, NORBORNE, JR.
GENERAL FOODS CORP.	AMERICAN EXPRESS COMPANY
	BOHM, MAGNUS R.
	CLARK, HOWARD L.
	MCCARDELL, ARCHIE R.

COMPANY LISTING WITH SECONDARY INTERLOCK TOWN DIRECTOR
FOR UNITED STATES STEEL CORPORATION

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
BANKERS TRUST NEW YORK CORP.
TAVOULAPRAS, WILLIAM E.
CHASE MANHATTAN CORP.
FERGUSON, JAMES L.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
CHEVSELE CORPORATION
HOLLAND, JEROME HEARTWELL
CONNECTICUT GENERAL LIFE INSURANCE COMPANY
ROBERTS, RENEY E.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL OIL COMPANY
MCCARDELL, ARCHIE E.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
PETERSON, PETER E.
MANUFACTURERS HAMMER CORPORATION
HOLLAND, JEROME HEARTWELL
MOBIL CORPORATION
CLARK, HOWARD E.
TAVOULAPRAS, WILLIAM E.
SHELL OIL COMPANY
COOK, C. W.
UNION CASIDE CORPORATION
FERGUSON, JAMES L.
HOLLAND, JEROME HEARTWELL

INTERNATIONAL BUSINESS MACHINES CORP.

BANKERS TRUST NEW YORK CORP.
MORSE, WILLIAM E.
CHASE MANHATTAN CORP.
HARRIS, PATRICIA E.
CHEMICAL NEW YORK CORPORATION
FUNSTON, G. KEITH
LEARSON, T. VINCENT
CITICORP
BOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
CONTINENTAL ILLINOIS CORPORATION
PIZZO, PAUL J.
CONTINENTAL OIL COMPANY
JONES, GILBERT E.
DUPONT, E. I., DE MEMPHIS AND CO.
JONES, GILBERT E.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
MOBIL CORPORATION
WILLIAMS, ALBERT L.
MORGAN, G. E., AND CO., INC.
CARY, FRANK T.
PAN AMERICAN WORLD AIRWAYS, INC.
COLEMAN, WILLIAM T., JR.
WATSON, THOMAS E., JR.
SOUTHERN PACIFIC COMPANY
REICHEL, STEPHEN D., JR.

ROYAL DUTCH PETROLEUM CO.

SHELL OIL COMPANY
DE BRUYNE, D.
SPAGHT, MONROE E.

SCANDINAVIAN SECURITIES CORP.

CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
NEW YORK LIFE INSURANCE COMPANY
PERKINS, RICHARD S.
SOUTHERN PACIFIC COMPANY
PERKINS, RICHARD S.

MEYER, JOHN M., JR.

EASTMAN KODAK COMPANY

AETNA LIFE AND CASUALTY COMPANY
SHEPHERD, ROBERT A.
CITICORP
HATFIELD, ROBERT S.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
GENERAL MOTORS CORP.
FALLON, WALTER A.
HATFIELD, ROBERT S.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
MARINE MIDLAND BANKS, INC.
ZORNOW, GERALD E.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.
WESTINGHOUSE ELECTRIC CORPORATION
EILERS, LOUIS E.
CITICORP

GILLETTE CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

	FOURAKER, LAWRENCE E.
	FIRST NATIONAL BOSTON CORP.
	MOCKLER, COLMAN M., JR.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	MOCKLER, COLMAN M., JR.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
	RCA CORP.
	FOURAKER, LAWRENCE E.
	SEARS, ROEBUCK AND CO.
	MEYER, CHARLES A.
TEXAS GULF, INC.	CHARTER NEW YORK CORP.
	SMILEY, DONALD B.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	THOMSON, RICHARD M.
	RCA CORP.
	SMILEY, DONALD B.
	UNION PACIFIC CORPORATION
	ECCLES, GEORGE S.
MOORE, GEORGE S.	
KING RANCH, ESPANA, S. A.	
MERCANTILE STORES CO., INC.	
	CITICORP
	MILLIKEN, ROGER
	KROGER COMPANY, THE
	SHAW, R. NELSON
	UNION PACIFIC CORPORATION
	MILLIKEN, MINOT K.
	WESTINGHOUSE ELECTRIC CORPORATION
	MILLIKEN, ROGER
WHITE WELD & CO.	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
MYERS, CHARLES F., JR.	
BURLINGTON INDUSTRIES, INC.	
	SEABOARD COAST LINE INDUSTRIES, INC.
	CALDER, ALEXANDER JR.
	UNION CARBIDE CORPORATION
	JONES, HORACE C.
CHASE MANHATTAN CORP.	AMERICAN EXPRESS COMPANY
	FURLAUD, RICHARD M.
	CHRYSLER CORPORATION
	DILLWORTH, J. RICHARDSON
	HEWLETT, WILLIAM R.
	CONTINENTAL CORPORATION, THE
	FARBER, CHARLES F.
	LILLEY, ROBERT D.
	EQUITABLE LIFE ASSURANCE
	EKLUND, C. G.
	EXXON CORPORATION
	KAUFFMAN, HOWARD C.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GENERAL ELECTRIC COMPANY
	LAZARUS, RALPH
	GENERAL MOTORS CORP.
	CONNOR, JOHN T.
	SMITH, J. STANFORD
	INTERNATIONAL BUSINESS MACHINES CORP.
	HARRIS, PATRICIA R.
	METROPOLITAN LIFE INSURANCE COMPANY
	SHINN, RICHARD R.
	NORTHWEST AIRLINES, INC.
	BINGER, JAMES H.
	SEARS, ROEBUCK AND CO.
	PACE, NOPMA T.
	STANDARD OIL COMPANY OF INDIANA
	SWEARINGEN, JOHN E.
	UNION CARBIDE CORPORATION
	FERGUSON, JAMES L.
JEFFERSON-PILOT CORP.	DUKE POWER CO.
	HOLDERNESS, HOWARD DAIL
REYNOLDS, R. J., INDUSTRIES, INC.	
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	CHASE MANHATTAN CORP.
	MACOMBER, JOHN D.
	EASTMAN KODAK COMPANY
	KREPS, JUANITA M.
	FEDERATED DEPARTMENT STORES, INC.
	LINGLE, WALTER L., JR.
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	BUTLER, A. L., JR.
	PENNEY, J. C., CO., INC.
	KREPS, JUANITA M.
	SOUTHERN RAILWAY COMPANY
	DAVIS, ARCHIE K.
	WESTERN ELECTRIC CO., INC.
	KREPS, JUANITA M.
RICHARDSON MERRELL INC.	FEDERATED DEPARTMENT STORES, INC.
	LINGLE, WALTER L., JR.
WACHOVIA CORP.	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
	WATLINGTON, J. E. JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
OF UNITED STATES STEEL CORPORATION

NORTHWESTERN MUTUAL LIFE INSURANCE CO
BUTLER, A. L., JR.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE W.
UNION CARBIDE CORPORATION
JONES, HORACE C.

RODEFICK, DAVID M.

AETNA LIFE AND CASUALTY COMPANY

CITICORP
GRAY, HARRY J.
EASTMAN KODAK COMPANY
SHEPMAN, ROBERT A.
EXXON CORPORATION
GRAY, HARRY J.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
TAYLOR, HOBART, JR.
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
WESTINGHOUSE ELECTRIC CORPORATION
TAYLOR, HOBART, JR.

SCRIVENER, ROBERT CARLTON

BELL CANADA

AMERICAN EXPRESS COMPANY
RAMINSKY, LOUIS
CHRYSLER CORPORATION
DEGRANDPRE, A. JEAN
METROPOLITAN LIFE INSURANCE COMPANY
ROBARTS, JOHN PARMENTER

CANADA STEAMSHIP LINES, LTD.

CANADIAN IMPERIAL BANK OF COMMERCE

AMERICAN AIR LINES, INC.
LETTER, JOHN D.
METROPOLITAN LIFE INSURANCE COMPANY
ROBARTS, JOHN PARMENTER
AMERICAN EXPRESS COMPANY
MARTIN, WILLIAM MCCHESENEY, JR.
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
INGERSOLL, ROBERT S.
CHEMICAL NEW YORK CORPORATION
WARNER, RAWLEIGH, JR.
EXXON CORPORATION
FRANKLIN, WILLIAM H.
FIRST CHICAGO CORPORATION
INGERSOLL, ROBERT S.
MORGAN, LEE L.
INTERNATIONAL BUSINESS MACHINES CORP.
MARTIN, WILLIAM MCCHESENEY, JR.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
SHELL OIL COMPANY
BLACKIE, WILLIAM
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID

HIRAM-WALKER-GOODERHAM & WAITS, LTD.

AMERICAN AIR LINES, INC.
FISCHER, CHARLES T., III
CONTINENTAL CORPORATION, THE
LAMBERT, ALLEN T.
DETROIT EDISON COMPANY
FISCHER, CHARLES T., III
GENERAL MOTORS CORP.
FISCHER, CHARLES T., III
NATIONAL DETROIT CORPORATION
FISCHER, CHARLES T., III
CHRYSLER CORPORATION
DEGRANDPRE, A. JEAN
CONSOLIDATED FREIGHTWAYS, INC.
YOUNG, W. MAURICE
SAFEWAY STORES, INC.
YOUNG, W. MAURICE

NORTHERN TELECOM LIMITED

POWER CORPORATION

SMILEY, DONALD B.

CHARTER NEW YORK CORP.

GENERAL TELEPHONE AND ELECTRONICS CORP.
BROPHY, THEODORE F.
KNOWLES, JOHN H., M.D.
MURPHY, GEORGE A.
NORTHEAST UTILITIES
SILIN, LELAN F., JR.
SHELL OIL COMPANY
BOOKOUT, JOHN F.
UNION PACIFIC CORPORATION
MITCHELL, HAMILTON B.
WESTERN ELECTRIC CO., INC.
BURCHAM, LESTER A.
WOOLWORTH, F. W., CO.
BURCHAM, LESTER A.
WALLIS, GORDON T.
FIDELITY UNION BANCORPORATION CHARTER NEW YORK CORP.
GIBLIN, E. BURKE
CHEMICAL NEW YORK CORPORATION

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

NEWMAN, JAMES WILSON
 CONTINENTAL CORPORATION, THE
 EBERLE, EDWARD R.
 WENTWORTH, NATHAN A.
 MARINE MIDLAND BANKS, INC.
 MCKEE, JAMES WILSON, JR.
 PRUDENTIAL INSURANCE CO. OF AMERICA
 DAVIS, C. MALCOLM
 PUBLIC SERVICE ELECTRIC AND GAS CO.
 DAVIS, C. MALCOLM
 EBERLE, EDWARD R.
 WENTWORTH, NATHAN A.

MACY CREDIT CORP.
 MACY, R. H., AND CO., INC.

CHASE MANHATTAN CORP.
 DILLWORTH, J. RICHARDSON
 LILLEY, ROBERT D.
 CHRYSLER CORPORATION
 DILLWORTH, J. RICHARDSON
 CITICORP
 FOURAKER, LAWRENCE E.
 CONTINENTAL CORPORATION, THE
 LILLEY, ROBERT D.
 WILSON, F. PERRY
 GENERAL ELECTRIC COMPANY
 MICHELSON, GERTRUDE G.
 MANUFACTURERS HANOVER CORPORATION
 WILSON, F. PERRY
 PRUDENTIAL INSURANCE CO. OF AMERICA
 BEALE, O. E.
 RCA CORP.
 FOURAKER, LAWRENCE E.
 UNION CARBIDE CORPORATION
 WILSON, F. PERRY

METROPOLITAN LIFE INSURANCE COMPANY

AMERICAN BROADCASTING COMPANIES
 JENKINS, GEORGE P.
 ATLANTIC RICHFIELD COMPANY
 PLACE, JOHN B. M.
 BETHLEHEM STEEL CORPORATION
 JENKINS, GEORGE P.
 CHASE MANHATTAN CORP.
 SHINN, RICHARD R.
 CHEMICAL NEW YORK CORPORATION
 FUNSTON, G. KEITH
 PLACE, JOHN B. M.
 CITICORP
 JENKINS, GEORGE P.
 COMMONWEALTH EDISON
 JOHNSON, G. E.
 CONSOLIDATED EDISON CO OF NEW YORK
 LUCE, CHARLES F.
 CROCKER NATIONAL CORPORATION
 SOLOMON, EMMETT G.
 EASTMAN KODAK COMPANY
 WALLIS, W. ALLEN
 EXXON CORPORATION
 PETERSON, MARTHA E.
 FIRST CHICAGO CORPORATION
 SIVAGE, GERALD A.
 GENERAL MOTORS CORP.
 MCLAUGHLIN, W. EARLE
 SIVAGE, GERALD A.
 GOODYEAR TIRE AND RUBBER COMPANY
 HARPER, JOHN DICKESON
 INTERNATIONAL BUSINESS MACHINES CORP.
 FUNSTON, G. KEITH
 MELLON NATIONAL CORPORATION
 HARPER, JOHN DICKESON
 MORGAN, J. P., AND CO., INC.
 HOUGHTON, J. R.
 NORTHWEST AIRLINES, INC.
 LAIRD, M. R.
 PACIFIC GAS AND ELECTRIC COMPANY
 SOLOMON, EMMETT G.
 PHILLIPS PETROLEUM COMPANY
 LAIRD, M. R.
 PROCTER AND GAMBLE COMPANY
 HARPER, JOHN DICKESON
 UAL, INC.
 LUCE, CHARLES F.
 UNION CARBIDE CORPORATION
 MASON, BIRNEY, JR.
 SNEATH, WILLIAM S.

NATIONAL BROADCASTING CO., INC.

ATLANTIC RICHFIELD COMPANY
 BRADSHAW, THORNTON F.
 CITICORP
 FOURAKER, LAWRENCE E.
 RCA CORP.
 BRADSHAW, THORNTON F.
 FOURAKER, LAWRENCE E.
 GRIFFITHS, EDGAR H.
 KENNEDY, WILLIAM J., III
 SELBY, CECILY C.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

OMEGA FUND, INC. SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
CHASE MANHATTAN CORP.
DILLWORTH, J. RICHARDSON
CHRYSLER CORPORATION
DILLWORTH, J. RICHARDSON
CITICORP
GRACE, J. PETER
BANKAMERICA CORPORATION
LEWIS, DAVID SLOAN, JR.
GULF OIL CORPORATION
DEAN, R. HAL
SINGER, EDWIN
MELLON NATIONAL CORPORATION
BYROM, FLETCHER L.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
MORGAN, J. P., AND CO., INC.
SHAPLEIGH, WARREN M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
FERGUSON, FRANCIS E.
ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
CITICORP
FOURAKER, LAWRENCE E.
MARINE MIDLAND BANKS, INC.
PETTY, JOHN ROBERT
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.
EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
THOMSON, RICHARD M.
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
TEXAS GULF, INC. EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
THOMSON, RICHARD M.
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
TEXAS GULF, INC. EASTMAN KODAK COMPANY
MEYER, JOHN M., JR.
PRUDENTIAL INSURANCE CO. OF AMERICA
THOMSON, RICHARD M.
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
SPEER, EDGAR B.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

PROCTER AND GAMBLE COMPANY	WESTERN BANCORPORATION CARTER, EDWARD W.
	CITICORP OELMAN, ROBERT S.
	EXXON CORPORATION HARNESS, EDWARD G.
	FORD MOTOR CO. OELMAN, ROBERT S.
	GENERAL MOTORS CORP. MORGENS, HOWARD J.
	GOODYEAR TIRE AND RUBBER COMPANY GEIR, PHILLIP O., JR.
	HARPER, JOHN DICKESON
	MELLON NATIONAL CORPORATION HARPER, JOHN DICKESON
	METROPOLITAN LIFE INSURANCE COMPANY HARPER, JOHN DICKESON
	MORGAN, J. P., AND CO., INC. MORGENS, HOWARD J.
	TRANS WORLD AIRLINES, INC. MCGHEE, GEORGE C.
REACTIVE METALS, INC.	
THOMAS, W. BRUCE	
ADEL, INC.	
WALKER, WILBERT A.	
AMERICAN STANDARD INC.	BANKERS TRUST NEW YORK CORP LENON, RICHARD A.
	CHEMICAL NEW YORK CORPORATION MARUSI, AUGUSTINE R.
	CONSUMERS POWER COMPANY CUTLER, E. NEWTON, JR.
	MANUFACTURERS HANOVER CORPORATION LAPORTE, WILLIAM F.
	SHELL OIL COMPANY SPAGHT, MONROE E.
CHEMICAL NEW YORK CORPORATION	AMERICAN EXPRESS COMPANY WALLACE, MARTHA REDFIELD
	WARNER, RAWLEIGH, JR.
	AMERICAN TELEPHONE AND TELEGRAPH COMPANY BROWN, CHARLES L.
	WARNER, RAWLEIGH, JR.
	ATLANTIC RICHFIELD COMPANY PLACE, JOHN B. M.
	CATERPILLAR TRACTOR COMPANY WARNER, RAWLEIGH, JR.
	CONSOLIDATED EDISON CO OF NEW YORK FENCHARD, WILLIAM S.
	WILLIAMS, FRANKLIN H.
	DUPONT, E. I., DE NEMOURS AND CO. BROWN, CHARLES I.
	EXXON CORPORATION PIERCY, GEORGE T.
	GENERAL ELECTRIC COMPANY HILLMAN, HENRY L.
	INTERNATIONAL BUSINESS MACHINES CORP. FUNSTON, G. KEITH
	LEARSON, T. VINCENT
	METROPOLITAN LIFE INSURANCE COMPANY FUNSTON, G. KEITH
	PLACE, JOHN B. M.
	MOBIL CORPORATION WARNER, RAWLEIGH, JR.
	NEW YORK LIFE INSURANCE COMPANY PIVIROTT, RICHARD R.
	FENCHARD, WILLIAM S.
	SEABOARD COAST LINE INDUSTRIES, INC. RICE, WILLIAM THOMAS
	SEARS, ROEBUCK AND CO. BUTTON, JAMES W.
	STANDARD OIL COMPANY OF INDIANA WOOD, RICHARD D.
	WESTINGHOUSE ELECTRIC CORPORATION PIVIROTT, RICHARD R.
MARSH & MCLENNAN COMPANIES, INC.	COMMONWEALTH EDISON BARR, JOHN A.
	DETROIT EDISON COMPANY GERSTENEERG, RICHARD C.
	GENERAL MOTORS CORP. GERSTENBERG, RICHARD C.
	MERRILL LYNCH AND COMPANY, INC. HAACK, ROBERT WILLIAM
	NATIONAL DETROIT CORPORATION GERSTENBERG, RICHARD C.
	PUTNAM MANAGEMENT COMPANY, INC. (THE) NEWHOUSE, ROBERT JOYCE, JR.
	REGAN, JOHN MACVEIGH, JR.
MOLLER INDUSTRIES, INC.	
SOUTHEAST FIRST BANK OF LARGO, FLORIDA	
WINGATE, HENRY S.	
AMERICAN STANDARD INC.	BANKERS TRUST NEW YORK CORP LENON, RICHARD A.
	CHEMICAL NEW YORK CORPORATION MARUSI, AUGUSTINE R.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR UNITED STATES STEEL CORPORATION

WALKER, WILBERT A.
CONSUMERS POWER COMPANY
CUTLER, E. NEWTON, JR.
MANUFACTURERS HANOVER CORPORATION
LAPORTE, WILLIAM F.
SHELL OIL COMPANY
SPAGHT, MONROE E.

SEAMAN'S BANK FOR SAVINGS

CITICORP
BARNETT, FRANK E.
CONSOLIDATED EDISON CO OF NEW YORK
CONWAY, VIRGIL E.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
EVANS, JAMES H.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR VEP CO

BURROUGHS, CHARLES F., JR.

ROYSTER CO.

VIRGINIA NATIONAL BANKSHARES INC.

NORFOLK AND WESTERN RAILWAY COMPANY

REDMAN, HAMILTON M.

TENNECO, INC.

DIESEL, JOHN P.

FRAY, JACKSON L., MRS.

JAMES, ALLIX B.

JONES, ASHTON C., JR.

MCGURN, JOHN M.

BANK OF VIRGINIA CO.

CHESSIE SYSTEM, INC.

DEANE, FREDERICK, JR.

FIRST CHICAGO CORPORATION

GRAHAM, WILLIAM B.

ROBERTSHAW CONTROLS CO.

MOORE, T. JUSTIN, JR.

CENTRAL NATIONAL CORP

PHILLIP MORRIS & CO., LTD.

BANKERS TRUST NEW YORK CORP

BRITTAIN, ALFRED, III

CULLMAN, JOSEPH F., III

FORD MOTOR CO.

CULLMAN, JOSEPH F., III

RICHMOND CORP.

PEEBLES, WILLIAM S., III

PIERCE, SHIRLEY S.

AROSHEI FERTILIZER CO, INC.

RANDALL, KENNETH A.

UNITED VIRGINIA BANKSHAPES INC.

NEW YORK LIFE INSURANCE COMPANY

HUMELSINE, C. R.

ROBINS , E. CLAIBORNE

THALHIMER BROTHERS, INC.

ROBINS, E. CLAIBORNE

ROBINS, A. H., CO., INC.

THALHIMER BROTHERS, INC.

ROOS, WILLIAM T.

PENN LUGGAGE, INC.

SMITH, ROY REDMAN

SMITH'S TRANSFER CORP.

VOSBECK, WILLIAM F., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WADDELL AND REED, INC.

BECKMAN, J. STEPHEN
ENSLEY, FREDERICK LOUIS
JENSEN, JULIUS, III
KORSCHOT, BENJAMIN C.
MILLER, WAYNE WATSON
STRADER, CHARLES ROBERT
VALICENTI, MITCHEL JOSEPH
FILTROL CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WELLS FARGO AND COMPANY
ARBUCKLE, ERNEST C.
HEWLETT PACKARD CORP.

CATERPILLAR TRACTOR COMPANY
PACKARD, DAVID
CHASE MANHATTAN CORP.
HEWLETT, WILLIAM R.
CHRYSLER CORPORATION
HEWLETT, WILLIAM R.
FLORIDA POWER AND LIGHT COMPANY
BENNETT, GEORGE F.
FORD MOTOR CO.
BENNETT, GEORGE F.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
BENNETT, GEORGE F.
MIDDLE SOUTH UTILITIES, INC.
BENNETT, GEORGE F.
STANDARD OIL COMPANY OF CALIFORNIA
PACKARD, DAVID
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
CONSOLIDATED FREIGHTWAYS, INC.
YOUNG, W. MAURICE
GENERAL ELECTRIC COMPANY
BOSWELL, JAMES G., II
PACIFIC GAS AND ELECTRIC COMPANY
DE BRETTEVILLE, CHARLES
SECURITY PACIFIC CORP.
BOSWELL, JAMES G., II
SHELL OIL COMPANY
DE BRETTEVILLE, CHARLES
SOUTHERN PACIFIC COMPANY
MAGOWAN, ROBERT A.

SAFeway STORES, INC.

BETCHEL, KENNETH K.
BREUNER, WILLIAM R.
BREUNER JOHN CO.
BRIDGES, ROBERT L.
BECHTEL SOUTHERN CORP.
CRUM & FORSTER
ENERGY TRANSPORTATION SYSTEMS INC.
ENGINEERING MANAGEMENT INC.
INDUSTRIAL INDEMNITY CO.

FEDERATED DEPARTMENT STORES, INC.
PETERSON, PETER G.
GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.

TRANS MOUNTAIN OIL PIPE LINE CO.
COOLEY, RICHARD P.
HOWNET TURBINE COMPONENTS CORP.
PACIFIC GAS AND ELECTRIC COMPANY

BANKAMERICA CORPORATION
WENTE, KARL L.
CROCKER NATIONAL CORPORATION
SOLOMON, EMMETT G.
METROPOLITAN LIFE INSURANCE COMPANY
SOLOMON, EMMETT G.
SAFeway STORES, INC.
DE BRETTEVILLE, CHARLES
SHELL OIL COMPANY
DE BRETTEVILLE, CHARLES
SOUTHERN PACIFIC COMPANY
MILLER, RICHARD K.
BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
CONSOLIDATED EDISON CO OF NEW YORK
LUCE, CHARLES F.
CONTINENTAL OIL COMPANY
NORSTAD, LAURIS
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
STUART, ROBERT D., JR.
INTERNATIONAL HARVESTER COMPANY
BRIMMER, ANDREW F.
METROPOLITAN LIFE INSURANCE COMPANY
LUCE, CHARLES F.

UAL, INC.

COPELY, HELEN K.
DART INDUSTRIES, INC.

FEDERATED DEPARTMENT STORES, INC.
GRUENTHER, GENERAL ALFRED M.
FIRST CHICAGO CORPORATION
CARLSON, EDWARD E.
UAL, INC.
BARKES, CURTIS
CARLSON, EDWARD E.
DART, JUSTIN W.

DOBEY, JAMES F.
NATIONAL GYPSUM CO.

CBS, INC.
IGLEHART, J. A.

FLOOD, JAMES
FLOOD REALTY CO.
RANCHO SISQUOC
FULLEP, W. P., III
PACIFIC MUTUAL LIFE INS. CO.
PPG INDUSTRIES, INC.

GENERAL MOTORS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIPECTOR
FOR WELLS FARGO AND COMPANY

	MAYER, JOHN A.
	GULF OIL CORPORATION
	BEEGLY, CHARLES M.
	MELLON NATIONAL CORPORATION
	BARKER, ROBINSON F.
	GEORGE, W. H. KFOE
	MAYER, JOHN A.
	NORFOLK AND WESTERN RAILWAY COMPANY
	MAYER, JOHN A.
WESTERN PACIFIC INDUSTRIES INC.	
	FIRST CHARTER FINANCIAL CORP.
	HANSBERGER, ROBERT V.
GUGGENHIME, RICHARD E.	
CONSOLIDATED FOODS CORPORATION	FIRST CHICAGO CORPORATION
	THOMAS, RICHARD L.
	KRESGE, S. S., COMPANY
	MCCRACKEN, PAUL W.
ISHIYAMA, GEORGE S.	
ALEXANDER & BALDERIN, INC.	
MURPHY OIL CORP.	AMERICAN EXPRESS COMPANY
	OWEN, RALPH
LANIGAR, MARY E.	
LUCKY STORES	
PACIFIC LUMBER CO.	
TRANSAMERICA CORPORATION	OCCIDENTAL PETROLEUM CORPORATION
	KRIN, ARTHUR B.
LAPHAM, ROGER D., JR.	
CONGOLEUM CORPORATION	BANKERS TRUST NEW YORK CORP.
	LAPHAM, LEWIS A.
	MOBIL CORPORATION
	LAPHAM, LEWIS A.
DUNCANSON & HOLT, INC.	
EDINBURG & GENERAL INVESTMENT CO., LTD.	
PACIFIC GENEPAL DEVELOPMENT CO.	
ROCHDALE INSURANCE CO.	
SAFEGWAY STORES, INC.	CONSOLIDATED FREIGHTWAYS, INC.
	YOUNG, W. MAURICE
	GENERAL ELECTRIC COMPANY
	BOSWELL, JAMES G., II
	PACIFIC GAS AND ELECTRIC COMPANY
	DE BRETTEVILLE, CHARLES
	SECURITY PACIFIC CORP.
	BOSWELL, JAMES G., II
	SHELL OIL COMPANY
	DE BRETTEVILLE, CHARLES
	SOUTHEPN PACIFIC COMPANY
	MAGOWAN, ROBERT A.
LITTLEFIELD, EDMUND W.	
CYPRUS PIMA MINING CO.	UNION OIL COMPANY OF CALIFORNIA
	PARKER, CHARLES F.
GENERAL ELECTRIC COMPANY	AMERICAN EXPRESS COMPANY
	HENLEY, HENRY H., JR.
	CHASE MANHATTAN CORP.
	LAZARUS, RALPH
	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	CITICORP
	WRISTON, WALTER B.
	FEDERATED DEPARTMENT STORES, INC.
	LAZARUS, RALPH
	GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
	DANCE, WALKER D.
	MANUFACTURERS HANOVER CORPORATION
	HENLEY, HENRY H., JR.
	MORGAN, J. P., AND CO., INC.
	AUSTIN, J. PAUL
	DICKEY, CHARLES D., JR.
	PRESTON, LEWIS T.
	PENNEY, J. C., CO., INC.
	WRISTON, WALTER B.
	PRUDENTIAL INSURANCE CO. OF AMERICA
	PIERCE, SAMUEL RILEY, JR.
	SAFEGWAY STORES, INC.
	BOSWELL, JAMES G., II
	SECURITY PACIFIC CORP.
	BOSWELL, JAMES G., II
INDUSTRIAL INDEMNITY CO.	FEDERATED DEPARTMENT STORES, INC.
	PETERSON, PETER G.
MARCONA CORP.	SOUTHERN PACIFIC COMPANY
	MUDD, HENRY T.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
SOUTHERN PACIFIC COMPANY	CITICORP
	HANLEY, JAMES W.
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	GOODYEAR TIRE AND RUBBER COMPANY
	HAZARD, ELLISON L.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BETCHEL, STEPHEN D., JR.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WELLS FARGO AND COMPANY

	MANUFACTURERS HANOVER CORPORATION
	MUNROE, GEORGE R.
	NEW YORK LIFE INSURANCE COMPANY
	MONROE, GEORGE B.
	PERKINS, RICHARD S.
	PACIFIC GAS AND ELECTRIC COMPANY
	MILLER, RICHARD K.
	SAFeway STORES, INC.
	MAGOWAN, ROBERT A.
	SOUTHERN RAILWAY COMPANY
	MUDD, HENRY T.
	TENNECO, INC.
	BIAGGINI, B. F.
	WESTERN BANCORPORATION
	MUDD, HENRY T.
UTAH INTERNATIONAL, INC.	CHASE MANHATTAN CORP.
	HEWLETT, WILLIAM R.
	CHRYSLER CORPORATION
	HEWLETT, WILLIAM R.
	FORD MOTOR CO.
	MILLER, ARJAY
	MOBIL CORPORATION
	BORCH, FRED J.
	UNION PACIFIC CORPORATION
	ECCLES, GEORGE S.
MACNAUGHTON, MALCOLM	BANKAMERICA CORPORATION
BANK OF HAWAII	DILLINGHAM, LOWELL S.
	PAN AMERICAN WORLD AIRWAYS, INC.
	DILLINGHAM, LOWELL S.
	FIRST CHICAGO CORPORATION
	GREY, JOHN D.
CASTLE & COOKE, INC.	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
HAWAIIAN AIRLINES, INC.	
HAWAIIAN TRUST CO., LTD.	
HOUSE OF INVESTMENTS	
LEISURE DYNAMICS, INC.	
WAIALUA SUGAR CO.	
MAILLIARD, J. W., III	
BROMAR, INC.	
PACIFIC MUTUAL LIFE INS. CO.	
MILLER, ARJAY	
BROOKINGS INSTITUTION	
FORD MOTOR CO.	
	BANKERS TRUST NEW YORK CORP
	CULLMAN, JOSEPH F., III
	CITICORP
	OELMAN, ROBERT S.
	CONSOLIDATED EDISON CO OF NEW YORK
	HEISKELL, MARIAN S.
	EQUITABLE LIFE ASSURANCE
	WHARTON, CLIFTON R.
	FLORIDA POWER AND LIGHT COMPANY
	BENNETT, GEORGE F.
	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
	BENNETT, GEORGE F.
	MIDDLE SOUTH UTILITIES, INC.
	BENNETT, GEORGE F.
	MORGAN, J. P., AND CO., INC.
	BURGESS, CARTER L.
	PROCTER AND GAMBLE COMPANY
	OELMAN, ROBERT S.
STANFORD RESEARCH INSTITUTE	BANKAMERICA CORPORATION
	CLAUSEN, A. W.
STRAUSS, LEVI & CO.	BANKERS TRUST NEW YORK CORP
	CULLMAN, JOSEPH F., III
	CROCKER NATIONAL CORPORATION
	HAAS, PETER E.
	FORD MOTOR CO.
	CULLMAN, JOSEPH F., III
UTAH INTERNATIONAL, INC.	CHASE MANHATTAN CORP.
	HEWLETT, WILLIAM R.
	CHRYSLER CORPORATION
	HEWLETT, WILLIAM R.
	GENERAL ELECTRIC COMPANY
	LITTLEFIELD, EDMUND W.
	MOBIL CORPORATION
	BORCH, FRED J.
	SOUTHERN PACIFIC COMPANY
	LITTLEFIELD, EDMUND W.
	UNION PACIFIC CORPORATION
	ECCLES, GEORGE S.
WASHINGTON POST CO.	INTERNATIONAL BUSINESS MACHINES CORP.
	KATZENBACH, NICHOLAS DEB.
MILLER, PAUL A.	
MUTUAL LIFE INSURANCE CO. OF NEW YORK	
	BANKERS TRUST NEW YORK CORP
	BICKMORE, LEE S.
	CHEMICAL NEW YORK CORPORATION
	NEWMAN, JAMES WILSON
	CITICORP
	PALMER, EDWARD LEWIS
	CROCKER NATIONAL CORPORATION
	WILCOX, THOMAS R.
	TEXACO, INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WELLS FARGO AND COMPANY

	MCCALL, HOWARD W., JR.
	TRANS WORLD AIRLINES, INC.
	TILLINGHAST, CHARLES C.
	UNION PACIFIC CORPORATION
	PALMER, EDWARD LEWIS
	WESTERN ELECTRIC CO., INC.
	BICKMORE, LEE S.
NATIONAL CITY CORP.	BANKERS TRUST NEW YORK CORP
	MARTING, WALTER A.
	KRESGE, S. S., COMPANY
	GERSTOCKER, CARL A.
PACIFIC LIGHTING CORP.	CROCKER NATIONAL CORPORATION
	VAUGHN, JOHN V.
	SANTA FE INDUSTRIES, INC.
	HALE, PRENTIS C.
	UNION OIL COMPANY OF CALIFORNIA
	HALE, PRENTIS C.
NAHAS, ROBERT T.	
OAKLAND TRIBUNE PUBLISHING CO.	
NEWMAN, ELLEN MAGNIN	
AMPAC, INC.	MIDDLE SOUTH UTILITIES, INC.
	MERFILL, FRED H.
	PACIFIC GAS AND ELECTRIC COMPANY
	DE BRETTEVILLE, CHARLES
	SAFEWAY STORES, INC.
	DE BRETTEVILLE, CHARLES
	SHELL OIL COMPANY
	DE BRETTEVILLE, CHARLES
KAISER ALUMINUM & CHEMICAL CORP.	
	BANKAMERICA CORPORATION
	KAISER, EDGAR F.
PAULSEN, B. REGNAR	
PHLEGER, ATHERTON M.	
ALMADEN VINEYARDS INC.	CONTINENTAL CORPORATION, THE
	BELL, DRUMMOND C.
	CROCKER NATIONAL CORPORATION
	SOLOMON, EMMETT G.
	METROPOLITAN LIFE INSURANCE COMPANY
	SOLOMON, EMMETT G.
	PACIFIC GAS AND ELECTRIC COMPANY
	SOLOMON, EMMETT G.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTERN BANCORPORATION
BARKER, NORMAN, JR.
CARNATION CO.

SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
STUART, DWIGHT L.
SOUTHERN CALIFORNIA EDISON COMPANY
LARKIN, FREDERICK G., JR.

CARTER HAWLEY HALE STORES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
SOUTHERN CALIFORNIA EDISON COMPANY
CARTER, EDWARD W.
HALE, STANTON G.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
HALE, PRENTIS C.

SOUTHERN CALIFORNIA EDISON COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
BANKAMERICA CORPORATION
MCDANIEL, THOMAS M., JR.
SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
SMITH, H. RUSSELL
VON HAGEN, RICHARD R.
AMERICAN EXPRESS COMPANY
DUBAIN, MYRON
SOUTHERN PACIFIC COMPANY
MORPHY, MICHAEL A.
STANDARD OIL COMPANY OF CALIFORNIA
KELLER, GEORGE M.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON

UNITED CALIFORNIA BANK

CARTER, EDWARD W.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

AMERICAN EXPRESS COMPANY
WARNER, RAWLEIGH, JR.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CHEMICAL NEW YORK CORPORATION
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
CHRYSLER CORPORATION
HOLLAND, JEROME HEARTWELL
CITICORP
DEBUTTS, JOHN D.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
CONTINENTAL ILLINOIS CORPORATION
HEWITT, WILLIAM A.
CONTINENTAL OIL COMPANY
HEWITT, WILLIAM A.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES I.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL MOTORS CORP.
CLEARY, CATHERINE B.
DEBUTTS, JOHN D.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HANIFY, EDWARD B.
MANUFACTURERS HANOVER CORPORATION
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
CLEARY, CATHERINE B.
PENNEY, J. C., CO., INC.
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
PROCTER AND GAMBLE COMPANY
SPEER, EDGAR B.
PRUDENTIAL INSURANCE CO. OF AMERICA
MACNAUGHTON, DONALD S.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
TEXACO, INC.
MCGILL, WILLIAM J. (DR.)

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
POP WESTERN BANCORPORATION

UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
SPEER, EDGAR B.

CARTER HAWLEY HALE STORES, INC.

ATLANTIC RICHFIELD COMPANY
HAWLEY, PHILLIP M.
BANKAMERICA CORPORATION
DI GIORGIO, ROBERT
NEW YORK LIFE INSURANCE COMPANY
MARCUS, STANLEY
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
SANTA FE INDUSTRIES, INC.
HALE, PRENTIS C.
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
HALE, STANTON G.
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY
UNION OIL COMPANY OF CALIFORNIA
DI GIORGIO, ROBERT
HALE, PRENTIS C.

SOUTHERN CALIFORNIA EDISON COMPANY

BANKAMERICA CORPORATION
MCDANIEL, THOMAS M., JR.
SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
SMITH, H. RUSSELL
VON HAGEN, RICHARD R.

CHAFFEY, STEWART A. E.

HARRIGAN, JOHN F.
NORDSTROM INC.

BORTON, JACK K.

LOCKHEED AIRCRAFT CORPORATION ATLANTIC RICHFIELD COMPANY

DOWNER, JOSEPH P.
CHEMICAL NEW YORK CORPORATION
NEWMAN, JAMES WILSON
GOODYEAR TIRE AND RUBBER COMPANY
HAZARD, ELLISON L.
GREAT WESTERN FINANCIAL CORPORATION
SHAW, LESLIE N.
MERRILL LYNCH AND COMPANY, INC.
HAACK, ROBERT WILLIAM
SOUTHERN PACIFIC COMPANY
HAZARD, ELLISON L.

SOUTHERN CALIFORNIA EDISON COMPANY

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
CARTER, EDWARD W.
BANKAMERICA CORPORATION
MCDANIEL, THOMAS M., JR.
SECURITY PACIFIC CORP.
LARKIN, FREDERICK G., JR.
SMITH, H. RUSSELL
VON HAGEN, RICHARD R.

KELLER, GEORGE M.

ECONOMICS LABORATORY
FOREMOST MCKESSON INC.

STANDARD OIL COMPANY OF CALIFORNIA

BANKAMERICA CORPORATION
GRAY, JOHN R.
CATERPILLAR TRACTOR COMPANY
PACKARD, DAVID
CITICORP
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
PRUDENTIAL INSURANCE CO. OF AMERICA
WASSON, E. HORNSBY
TRANS WORLD AIRLINES, INC.
PACKARD, DAVID
AMERICAN EXPRESS COMPANY
DUBAIN, MYRON
SOUTHERN CALIFORNIA EDISON COMPANY
BARKER, NORMAN, JR.
SOUTHERN PACIFIC COMPANY
MORPHY, MICHAEL A.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON

UNITED CALIFORNIA BANK

MUDD, HENRY T.

CYPRUS MINES CORP.
ENVIRODYNE, INC.
JACOBS ENGINEERING GROUP, INC.
MARCONA CORP.

GENERAL ELECTRIC COMPANY
LITTLEFIELD, EDMUND W.
SOUTHERN PACIFIC COMPANY
LITTLEFIELD, EDMUND W.
WELLS FARGO AND COMPANY
LITTLEFIELD, EDMUND W.
GOODYEAR TIRE AND RUBBER COMPANY
ANDERSON, ROBERT B.
MELLON NATIONAL CORPORATION
ROCKWELL, WILLARD F., JR.
MOBIL CORPORATION

ROCKWELL INTERNATIONAL CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTERN BANCORPORATION

	DONNELL, EDWARD S.
	PAN AMERICAN WORLD AIRWAYS, INC.
	ANDERSON, ROBERT B.
	SECURITY PACIFIC CORP.
	ANDERSON, ROBERT B.
	LARKIN, FREDERICK G., JR.
	SOUTHERN CALIFORNIA EDISON COMPANY
	LARKIN, FREDERICK G., JR.
	UNION OIL COMPANY OF CALIFORNIA
	HARTLEY, FRED L.
SOUTHERN PACIFIC COMPANY	CITICORP
	HANLEY, JAMES W.
	CONSOLIDATED EDISON CO OF NEW YORK
	PERKINS, RICHARD S.
	GENERAL ELECTRIC COMPANY
	LITTLEFIELD, EDMUND W.
	GOODYEAR TIRE AND RUBBER COMPANY
	HAZARD, ELLISON L.
	INTERNATIONAL BUSINESS MACHINES CORP.
	BETCHEL, STEPHEN D., JR.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	PERKINS, RICHARD S.
	MANUFACTURERS HANOVER CORPORATION
	MUNROE, GEORGE B.
	NEW YORK LIFE INSURANCE COMPANY
	MONROE, GEORGE B.
	PERKINS, RICHARD S.
	PACIFIC GAS AND ELECTRIC COMPANY
	MILLER, RICHARD K.
	SAFEWAY STORES, INC.
	MAGOWAN, ROBERT A.
	TENNECO, INC.
	BIAGGINI, B. F.
	WELLS FARGO AND COMPANY
	LITTLEFIELD, EDMUND W.
SOUTHERN RAILWAY COMPANY	AMERICAN TELEPHONE AND TELEGRAPH COMPANY
	DAVIS, ARCHIE K.
	CHRYSLER CORPORATION
	BRYAN, ANTHONY J. A.
	CONTINENTAL CORPORATION, THE
	LEACH, RALPH F.
	INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
	BRYAN, ANTHONY J. A.
	MORGAN, J. P., AND CO., INC.
	LEACH, RALPH F.
UNION OIL CORP.	
NORDSTROM, BRUCE A.	
NORDSTROM INC.	
ROTH, ROBERT W.	
CROWN ZELLERBACH CORP.	
	BURLINGTON NORTHERN, INC.
	HENDRICKSON, ROBERT M.
	CONSOLIDATED EDISON CO OF NEW YORK
	MUMFORD, MILTON C.
	EQUITABLE LIFE ASSURANCE
	HENDRICKSON, ROBERT M.
	MUMFORD, MILTON C.
	PACIFIC GAS AND ELECTRIC COMPANY
	DAHL, C. RAYMOND
HAYDEN ISLAND INC.	
JANTZEN INC.	
PORTLAND GENERAL ELECTRIC CO.	
UNION PACIFIC CORPORATION	FIRST CHICAGO CORPORATION
	GREY, JOHN D.
	AMERICAN EXPRESS COMPANY
	ROBINSON, JAMES D., III
	CBS, INC.
	BROWN, COURTNEY C.
	LOVETT, ROBERT A.
	CHARTER NEW YORK CORP.
	MITCHELL, HAMILTON B.
	CITICORP
	BARNETT, FRANK E.
	PALMER, EDWARD LEWIS
	SECURITY PACIFIC CORP.
	LAWLER, OSCAR T.
	WESTERN ELECTRIC CO., INC.
	KENEFICK, JOHN C.
SKAGGS, L. S., JR.	
SKAGGS COMPANIES, INC.	
THORTON, CHARLES B.	
HOLLYWOOD PARK, INC.	
LITTON INDUSTRIES, INC.	
	ARMANSON, H. F., AND COMPANY
	TOPPING, NORMAN
	NORTHWESTERN MUTUAL LIFE INSURANCE CO
	WRIGHT, J. O.
	PACIFIC GAS AND ELECTRIC COMPANY
	COOK, RANSOM M.
	SECURITY PACIFIC CORP.
	MCDANIEL, GLEN
	AMERICAN AIR LINES, INC.
	WASSERMAN, LEW R.
	BANKAMERICA CORPORATION
	LUNDBORG, LOUIS B.
	FIRST CHICAGO CORPORATION
	DRICK, JOHN E.
MCA, INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTERN BANCORPORATION

	SAFEWAY STORES, INC.
	JONES, MARY GARDINER
SPECIALTY RESTAURANTS CORP.	
TRANS WORLD AIRLINES, INC.	CATERPILLAR TRACTOR COMPANY
	PACKARD, DAVID
	CONTINENTAL CORPORATION, THE
	STEWART, PATRICIA CARRY
	CONTINENTAL ILLINOIS CORPORATION
	LAFONTANT, JEWEL S.
	PROCTER AND GAMBLE COMPANY
	MCGHEE, GEORGE C.
	STANDARD OIL COMPANY OF CALIFORNIA
	PACKARD, DAVID
TWETER, CLIFFORD	
VOSS, RALPH H.	FIRST CHICAGO CORPORATION
JANTZEN INC.	GREY, JOHN D.
	UNION PACIFIC CORPORATION
	ROTH, ROBERT W.
LOUISIANA PACIFIC CORP.	
NORTHWEST NATURAL GAS CO.	PAN AMERICAN WORLD AIRWAYS, INC.
	ADAMS, CHARLES F.
WALLACE, ROBERT F.	
WILLIAMS, ROBERT D.	
INTERNATIONAL FUNERAL SERVICES, INC.	

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTERN ELECTRIC CO., INC.

ACCETTURA, GUY

BAKER, WILLIAM O.

BABCOCK AND WILCOX CO.

BELL TELEPHONE LABORATOPIES

BICKMORE, LEE S.

BANKERS TRUST NEW YORK CORP

CARRIER CORP.

HART SCHAFFNER & MARX

NABISCO, INC.

BURCHAM, LESTER A.

CHARTER NEW YORK CORP.

KINNEY SHOE CORPORATION

RICHMAN BROTHERS CO.

WOOLWORTH, F. W., CO.

CONTINENTAL CORPORATION, THE

ZIFF, GEORGE G.

MANUFACTURERS HANOVER CORPORATION

ZIFF, GEORGE G.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

ELLINGHAUS, WILLIAM M.

CONSUMERS POWER COMPANY

HANNON, JOHN W., JR.

CONTINENTAL OIL COMPANY

BLAUVELT, HOWARD W.

FORD MOTOR CO.

CULLMAN, JOSEPH F., III

GENERAL TELEPHONE AND ELECTRONICS CORP.

BLAUVELT, HOWARD W.

INTERNATIONAL BUSINESS MACHINES CORP.

MOORE, WILLIAM H.

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

MCCULLOUGH, DONALD F.

MOBIL CORPORATION

LAPHAM, LEWIS A.

TAVOULAREAS, WILLIAM P.

PENNEY, J. C., CO., INC.

ELLINGHAUS, WILLIAM M.

JORDAN, VERNON E., JR.

PRUDENTIAL INSURANCE CO. OF AMERICA

GORMAN, PAUL A.

KRESGE, S. S., COMPANY

GERSTOCKER, CARL A.

MELLON NATIONAL CORPORATION

BARKER, ROBINSON F.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

BROWN, CHARLES L.

CHEMICAL NEW YORK CORPORATION

BROWN, CHARLES L.

DUPONT, E. I., DE NEMOURS AND CO.

BROWN, CHARLES L.

FIRST CHICAGO CORPORATION

ABBOUD, ROBERT A.

GREY, JOHN D.

STANDARD OIL COMPANY OF INDIANA

ABBOUD, ROBERT A.

MUTUAL LIFE INSURANCE CO. OF NEW YORK

CHEMICAL NEW YORK CORPORATION

NEWMAN, JAMES WILSON

CITICORP

PALMER, EDWARD LEWIS

CROCKER NATIONAL CORPORATION

WILCOX, THOMAS R.

TEXACO, INC.

MCCALL, HOWARD W., JR.

TRANS WORLD AIRLINES, INC.

TILLINGHAST, CHARLES C.

UNION PACIFIC CORPORATION

PALMER, EDWARD LEWIS

WELLS FARGO AND COMPANY

MILLER, PAUL A.

BANKERS TRUST NEW YORK CORP

MOORE, WILLIAM H.

GENERAL PUBLIC UTILITIES CORP.

DIEHL, VAL B.

INTERNATIONAL BUSINESS MACHINES CORP.

MOORE, WILLIAM H.

MERRILL LYNCH AND COMPANY, INC.

HAACK, ROBERT WILLIAM

PRUDENTIAL INSURANCE CO. OF AMERICA

SCHAEFFLE, ROBERT M.

GENERAL TELEPHONE AND ELECTRONICS CORP.

BROPHY, THEODORE F.

KNOWLES, JOHN H., M.D.

MURPHY, GEORGE A.

METROPOLITAN LIFE INSURANCE COMPANY

SMILEY, DONALD B.

NORTHEAST UTILITIES

SILLIN, LELAN F., JR.

RCA CORP.

SMILEY, DONALD B.

SHELL OIL COMPANY

BOOKOUT, JOHN F.

UNION PACIFIC CORPORATION

MITCHELL, HAMILTON B.

UNITED STATES STEEL CORPORATION

SMILEY, DONALD B.

WOOLWORTH, F. W., CO.

WALLIS, GORDON T.

WOOLWORTH, F. W., CO.

GUSHMAN, JOHN LOUIS

CHARTER NEW YORK CORP.

WALLIS, GORDON T.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTERN ELECTRIC CO., INC.

COOK, GEORGE V.
FICK, ARMIN F.
GUSHMAN, JOHN LOUIS
ANCHOR HOCKING CORP.

DANA COPP.

HUNTINGTON BANCSHARES, INC.
KEYES FIBER CO.

LIBBEY-OWENS-FORD CO.

RICHMAN BROTHERS CO.

WOOLWORTH, F. W., CO.

HERBERT, JAMES S.
HOGIN, PHILIP E.
PHOENIX FUND
PHOENIX MUTUAL LIFE
KENEFICK, JOHN C.
FIRST SECURITY CORP.

GUARANTEE MUTUAL LIFE CO.
OMAHA NAT. BANK
UNION PACIFIC CORPORATION

KREPS, JUANITA M.
EASTMAN KODAK COMPANY

PENNEY, J. C., CO., INC.

EQUITABLE LIFE ASSURANCE
JAMES, GEORGE F.
INVESTORS DIVERSIFIED SERVICES, INC.
KIRBY, FRED MORGAN, II

KROGER COMPANY, THE
THOMPSON, MORLEY P.
WOOLWORTH, F. W., CO.
LESCH, GEORGE H.
MANUFACTURERS HANOVER CORPORATION
MCPHERSON, RENE C.

FEDERATED DEPARTMENT STORES, INC.
LANDSMAN, HERBERT H.
COLUMBIA GAS SYSTEM
MACNICHOL, GEORGE P.
CONSUMERS POWER COMPANY
MCKONE, DON T.
NATIONAL DETROIT CORPORATION
MCKONE, DON T.
NEW YORK LIFE INSURANCE COMPANY
DONNELL, J. C., II
PRUDENTIAL INSURANCE CO. OF AMERICA
SCHAEBELE, ROBERT M.
CHARTER NEW YORK CORP.
BURCHAM, LESTER A.
WOOLWORTH, F. W., CO.
BURCHAM, LESTER A.
CHARTER NEW YORK CORP.
BURCHAM, LESTER A.
WALLIS, ROPDON T.
EQUITABLE LIFE ASSURANCE
JAMES, GEORGE F.
INVESTORS DIVERSIFIED SERVICES, INC.
KIRBY, FRED MORGAN, II

CONSOLIDATED FREIGHTWAYS, INC.
TANNER, N. ELDON
TENNECO, INC.
HAGGIN, LOUIS LEE, II
UNION PACIFIC CORPORATION
ECCLES, GEORGE S.
ECCLES, SPENCER F.

AMERICAN EXPRESS COMPANY
ROBINSON, JAMES D., III
CBS, INC.
BROWN, COURTNEY C.
LOVETT, ROBERT A.
CHARTER NEW YORK CORP.
MITCHELL, HAMILTON B.
CITICORP
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
SECURITY PACIFIC CORP.
LAWLER, OSCAR T.
WESTERN BANCORPORATION
ROTH, ROBERT W.

AETNA LIFE AND CASUALTY COMPANY
SHERMAN, ROBERT A.
CITICORP
HATFIELD, ROBERT S.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
GENERAL MOTORS CORP.
FALLON, WALTER A.
HATFIELD, ROBERT S.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
MARINE MIDLAND BANKS, INC.
ZORNOW, GERALD B.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
WESTINGHOUSE ELECTRIC CORPORATION
EILERS, LOUIS K.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BATTEN, WILLIAM M.
ELLINGHAUS, WILLIAM M.
BANKERS TRUST NEW YORK CORP
ELLINGHAUS, WILLIAM M.
JORDAN, VERNON E., JR.
CITICORP

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTERN ELECTRIC CO., INC.

SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
UNION CARBIDE CORPORATION
JACKSON, JACK B.

REYNOLDS, R. J., INDUSTRIES, INC.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DAVIS, ARCHIE K.
CHASE MANHATTAN CORP.
MACOMBER, JOHN D.
MYERS, CHARLES F., JR.
FEDERATED DEPARTMENT STORES, INC.
LINGLE, WALTER L., JR.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BUTLER, A. L., JR.
SOUTHERN RAILWAY COMPANY
DAVIS, ARCHIE K.
UNITED STATES STEEL CORPORATION
MYERS, CHARLES F., JR.

LAWRENCE, JOHN L.
AMERICAN PETROFINA, INC.
DRESSER INDUSTRIES, INC.
SANTA FE INDUSTRIES, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.
ZWIENER, KENNETH V.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
FIRST CHICAGO CORPORATION
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
PATTERSON, ELLMORE C.
INTERNATIONAL HARVESTER COMPANY
RATTALIATA, JOHN T.
MORGAN, J. P., AND CO., INC.
PATTERSON, ELLMORE C.
UNION OIL COMPANY OF CALIFORNIA
HALE, PRENTIS C.

MORGAN, JOHN A.
BUTLER MANUFACTURING CO.
LOGISTICS MANAGEMENT INSTITUTE
PANHANDLE EASTERN PIPE LINE CO.

NORFOLK AND WESTERN RAILWAY COMPANY
NEUSCHEL, ROBERT P.

PATTERSON, C. J., CO.
WOLFF BROS.

CONTINENTAL CORPORATION, THE
BELL, DRUMMOND C.

PROCKNOW, DONALD E.
BELL TELEPHONE LABORATORIES, INC.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
LINDHOLM, WILLIAM L.
MANUFACTURERS HANOVER CORPORATION
LINDHOLM, WILLIAM L.
CHEMICAL NEW YORK CORPORATION
PLATTEN, DONALD C.
EQUITABLE LIFE ASSURANCE
LONGNECKER, H. E.
SEILER, LEWS P.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
MANUFACTURERS HANOVER CORPORATION
PILLIOD, CHARLES JULE, JR.
MARINE MIDLAND BANKS, INC.
MCKEE, JAMES WILSON, JR.

CPC INTERNATIONAL, INC.

CITICORP
GFACE, J. PETER
PUBLIC SERVICE ELECTRIC AND GAS CO.
HALLSTEIN, D. WAYNE
AETNA LIFE AND CASUALTY COMPANY
SMITH, OLCOTT D.
BETHLEHEM STEEL CORPORATION
FOY, LEWIS W.
PATTERSON, ELLMORE C.
BURLINGTON NORTHERN, INC.
DAVISON, DANIEL P.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
EASTMAN KODAK COMPANY
FALLON, WALTER A.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FORD MOTOR CO.
BURGESS, CARTER L.
GENERAL ELECTRIC COMPANY
AUSTIN, J. PAUL
DICKY, CHARLES D., JR.
PRESTON, LEWIS T.
GENERAL MOTORS CORP.
FALLON, WALTER A.
MORGENS, HOWARD J.
PATTERSON, ELLMORE C.
INTERNATIONAL BUSINESS MACHINES CORP.
CARY, FRANK T.

INGERSOLL-RAND CO.

MORGAN, J. P., AND CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTERN ELECTRIC CO., INC.

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MISSOURI PACIFIC CORPORATION
SHAPLEIGH, WARREN M.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
PROCTER AND GAMBLE COMPANY
MORGENS, HOWARD J.
SANTA FE INDUSTRIES, INC.
PATTERSON, ELLMORE C.
SEARS, ROEBUCK AND CO.
SHULTZ, GEORGE P.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.

PRUDENTIAL INSURANCE CO. OF AMERICA

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
MACNAUGHTON, DONALD S.
BANKERS TRUST NEW YORK CORP
GORMAN, PAUL A.
EXXON CORPORATION
MACNAUGHTON, DONALD S.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
PUBLIC SERVICE ELECTRIC AND GAS CO.
DAVIS, C. MALCOLM
FOSTER, MARGERY SOMMERS
STANDARD OIL COMPANY OF CALIFORNIA
WASSON, E. HORNSBY

PATTALIATA, JOHN T.
AMSTED INDUSTRIES INC.

INTERNATIONAL HARVESTER COMPANY
LANTERMAN, JOSEPH B.
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
PHILLIPS, BERT E.

BANCO DI ROMA
BRUNSWICK CORP.
DESOTO INC.

SEARS, ROEBUCK AND CO.
KINCANNON, JACK F.

INTERNATIONAL HARVESTER COMPANY

BANKAMERICA CORPORATION
BRIMMER, ANDREW F.
BURLINGTON NORTHERN, INC.
MENK, LOUIS W.
COMMONWEALTH EDISON
MCCORMICK, BROOKS
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
POTTER, KEITH R.
DUPONT, E. I., DE NEMOURS AND CO.
BRIMMER, ANDREW F.
EASTMAN KODAK COMPANY
ANDERSON, ROGER E.
FIRST BANK SYSTEM, INC.
MENK, LOUIS W.
FIRST CHICAGO CORPORATION
MCCORMICK, BROOKS
MENK, LOUIS W.
NORTHWEST BANCORPORATION
SPENCER, EDSON W.
UAL, INC.
BRIMMER, ANDREW F.
CHARTER NEW YORK CORP.
STAUFFACHER, CHARLES B.
INTERNATIONAL HARVESTER COMPANY
LANTERMAN, JOSEPH B.

KEMPER CORP.

LUMBERMEN'S MUTUAL CASUALTY CO.
SANTA FE INDUSTRIES, INC.

AMERICAN ELECTRIC POWER COMPANY, INC.
ZWIENER, KENNETH V.
BETHLEHEM STEEL CORPORATION
PATTERSON, ELLMORE C.
FIRST CHICAGO CORPORATION
WOELFLE, ARTHUR W.
GENERAL MOTORS CORP.
PATTERSON, ELLMORE C.
MORGAN, J. P., AND CO., INC.
PATTERSON, ELLMORE C.
UNION OIL COMPANY OF CALIFORNIA
HALE, PRENTIS C.

SOVERN, MICHAEL I.
WEST, JOHN T.
BELL LABORATORIES
WEST, JOSEPH T.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTINGHOUSE ELECTRIC CORPORATION

BENDETSEN, KARL R.

CHAMPION INTERNATIONAL CORP.

BERCHER, HARRY O.
GATX CORP.

MARSHALL FIELD & CO.

UNITED STATES GYPSUM CO.

BURNHAM, DONALD C.
MELLON NATIONAL CORPORATION

EILERS, LOUIS K.
EASTMAN KODAK COMPANY

ATLANTIC RICHFIELD COMPANY
BRADSHAW, THORNTON F.
DUPONT, E. I., DE NEMOURS AND CO.
JOHNSON, H. W.
FEDERATED DEPARTMENT STORES, INC.
JOHNSON, H. W.
FIRST NATIONAL BOSTON CORP.
CHARPIE, ROBERT A.
GOODYEAR TIRE AND RUBBER COMPANY
GERSTENMAIER, JOHN H.
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
JOHNSON, H. W.
MORGAN, J. P., AND CO., INC.
JOHNSON, H. W.
RCA CORP.
BRADSHAW, THORNTON F.
SECURITY PACIFIC CORP.
BRADSHAW, THORNTON F.

AMERICAN EXPRESS COMPANY
AMMIDON, HOYT
INTERNATIONAL HARVESTER COMPANY
THOMPSON, THOMAS M.
BURLINGTON NORTHERN, INC.
BUDD, J. M.
COMMONWEALTH EDISON
ALLARD, JEAN
DICK, ALBERT BLAKE, III
FIRST CHICAGO CORPORATION
SIVAGE, GERALD A.
GENERAL MOTORS CORP.
SIVAGE, GERALD A.
METROPOLITAN LIFE INSURANCE COMPANY
SIVAGE, GERALD A.
NEW YORK LIFE INSURANCE COMPANY
BUDD, J. M.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
SMITH, HAROLD BYRON, JR.
STANDARD OIL COMPANY OF INDIANA
BURNHAM, JOSEPH A.
INTERNATIONAL HARVESTER COMPANY
MORGAN, GRAHAM J.
THOMPSON, THOMAS M.
MARINE MIDLAND BANKS, INC.
DUFFY, EDWARD W.
NORFOLK AND WESTERN RAILWAY COMPANY
STRCTZ, ROBERT H.
STANDARD OIL COMPANY OF INDIANA
MYERS, GEORGE V.

EQUITABLE LIFE ASSURANCE
FISHER, A. W.
GENERAL MOTORS CORP.
MAYER, JOHN A.
GOODYEAR TIRE AND RUBBER COMPANY
HARPER, JOHN DICKESON
GULF OIL CORPORATION
HIGGINS, JAMES H.
PEARSON, NATHAN W.
METROPOLITAN LIFE INSURANCE COMPANY
HARPER, JOHN DICKESON
NORFOLK AND WESTERN RAILWAY COMPANY
MAYER, JOHN A.
NORTHWESTERN MUTUAL LIFE INSURANCE CO
BYROM, FLETCHER L.
PROCTOR AND GAMBLE COMPANY
HARPER, JOHN DICKESON
UNITED STATES STEEL CORPORATION
GOTT, EDWIN H.

AETNA LIFE AND CASUALTY COMPANY
SHERMAN, ROBERT A.
CITICORP
HATFIELD, ROBERT S.
CONTINENTAL ILLINOIS CORPORATION
ANDERSON, ROGER E.
GENERAL MOTORS CORP.
FALLON, WALTER A.
HATFIELD, ROBERT S.
INTERNATIONAL HARVESTER COMPANY
ANDERSON, ROGER E.
MARINE MIDLAND BANKS, INC.
ZOPNOW, GERALD B.
METROPOLITAN LIFE INSURANCE COMPANY
WALLIS, W. ALLEN
MORGAN, J. P., AND CO., INC.
FALLON, WALTER A.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
UNITED STATES STEEL CORPORATION
MEYER, JOHN M., JR.
WESTERN ELECTRIC CO., INC.
KREPS, JUANITA M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTINGHOUSE ELECTRIC CORPORATION

GOOKIN, P. BURT

HEINZ, H. J., CO.

BANKERS TRUST NEW YORK CORP

LAPHAM, LEWIS A.

GENERAL MOTORS CORP.

MAYER, JOHN A.

MELLON NATIONAL CORPORATION

MAYER, JOHN A.

RYAN, JOHN T., JR.

SNYDER, WILLIAM P., III

MOBIL CORPORATION

LAPHAM, LEWIS A.

NORFOLK AND WESTERN RAILWAY COMPANY

MAYER, JOHN A.

HORNIG, DONALD (DR.)

OVERSEAS DEVELOPMENT CORP.

UPJOHN CO.

CONSUMERS POWER COMPANY

UPJOHN, E. GIFFORD (DR.)

KIRBY, ROBERT E.

FEDERAL RESERVE BANK OF CLEVELAND

FEDERATED DEPARTMENT STORES, INC.

LAZARUS, CHARLES Y.

PROCTER AND GAMBLE COMPANY

SHEPARD, HORACE A.

MCGILLICUDDY, JOHN F.

AMF INC.

CHESSIE SYSTEM, INC.

DECKER, ALONZO G., JR.

INTERNATIONAL BUSINESS MACHINES CORP.

CARY, FRANK T.

MORGAN, J. P., AND CO., INC.

CARY, FRANK T.

SHELL OIL COMPANY

COOK, C. W.

AMERICAN BROADCASTING COMPANIES

ADAM, RAY C.

CHASE MANHATTAN CORP.

LILLEY, ROBERT D.

CONTINENTAL CORPORATION, THE

LILLEY, ROBERT D.

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.

SANFORD, TERRY

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY

SELLERS, ROBERT

CONTINENTAL COMPANY

KRAFTCO CORP.

AMERICAN AIR LINES, INC.

BEERS, WILLIAM O.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

ATLANTIC RICHFIELD COMPANY

INGERSOLL, ROBERT S.

BANKERS TRUST NEW YORK CORP

THAYER, WALTER N.

CATERPILLAR TRACTOR COMPANY

INGERSOLL, ROBERT S.

CITICORP

DEBUTTS, JOHN D.

CONTINENTAL CORPORATION, THE

ZIFF, GEORGE G.

FIRST CHICAGO CORPORATION

INGERSOLL, ROBERT S.

WOELFLE, ARTHUR W.

GENERAL MOTORS CORP.

CLEARY, CATHERINE B.

DEBUTTS, JOHN D.

MANUFACTURERS HANOVER CORPORATION

BEERS, WILLIAM O.

ZIFF, GEORGE G.

NORTHWESTERN MUTUAL LIFE INSURANCE CO

CLEARY, CATHERINE B.

SANTA FE INDUSTRIES, INC.

WOELFLE, ARTHUR W.

SEARS, ROEBUCK AND CO.

BEERS, WILLIAM O.

UNITED STATES STEEL CORPORATION

BEERS, WILLIAM O.

DEBUTTS, JOHN D.

MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.

BEERS, WILLIAM O.

AMERICAN BROADCASTING COMPANIES

MACIOCE, THOMAS M.

AMERICAN EXPRESS COMPANY

HENLEY, HENRY H., JR.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY

HOLLAND, JEROME HEARTWELL

LINDHOLM, WILLIAM L.

CHRYSLER CORPORATION

HAUGE, GABRIEL

HOLLAND, JEROME HEARTWELL

CONSOLIDATED EDISON CO OF NEW YORK

BEINECKE, WILLIAM S.

CONTINENTAL CORPORATION, THE

HOLLAND, JEROME HEARTWELL

RICKER, JOHN B., JR.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTINGHOUSE ELECTRIC CORPORATION

WILSON, F. PERRY
ZIPF, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
SEARS, ROEBUCK AND CO.
BEERS, WILLIAM O.
SOUTHERN PACIFIC COMPANY
MUNROE, GEORGE B.
UNION CARBIDE CORPORATION
HOLLAND, JEROME HEARTWELL
WILSON, F. PERRY
UNITED STATES STEEL CORPORATION
BEERS, WILLIAM O.

MCGUIRE, T. G.
REYNOLDS METALS CO.
SPERRY & HUTCHINSON CO.

MILLIKEN, ROGER
CITICORP

CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
MANUFACTURERS HANOVER CORPORATION
BEINECKE, WILLIAM S.
METROPOLITAN LIFE INSURANCE COMPANY
HOUGHTON, J. R.
MORGAN, J. P., AND CO., INC.
HOUGHTON, J. R.

AETNA LIFE AND CASUALTY COMPANY
GRAY, HARRY J.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
DEBUTTS, JOHN D.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CBS, INC.
THOMAS, FRANKLIN A.
DUPONT, E. I., DE NEMOURS AND CO.
SHAPIRO, IRVING S.
EASTMAN KODAK COMPANY
HATFIELD, ROBERT S.
EQUITABLE LIFE ASSURANCE
SHELDON, ELEANOR H. B.
EXXON CORPORATION
GARVIN, CLIFTON C., JR.
GRAY, HARRY J.
FORD MOTOR CO.
OELMAN, ROBERT S.
GENERAL ELECTRIC COMPANY
WRISTON, WALTER B.
GENERAL MOTORS CORP.
DEBUTTS, JOHN D.
HATFIELD, ROBERT S.
INTERNATIONAL BUSINESS MACHINES CORP.
HOUGHTON, AMORY, JR.
SHAPIRO, IRVING S.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.
NEW YORK LIFE INSURANCE COMPANY
THOMAS, FRANKLIN A.
PENNEY, J. C., CO., INC.
SEIBERT, DONALD VINCENT
WRISTON, WALTER B.
PROCTER AND GAMBLE COMPANY
OELMAN, ROBERT S.
RCA CORP.
FOURAKER, LAWRENCE E.
SEARS, ROEBUCK AND CO.
SPENCER, WILLIAM I.
SOUTHERN PACIFIC COMPANY
HANLEY, JAMES W.
STANDARD OIL COMPANY OF CALIFORNIA
HAYNES, HAROLD J.
PIGOTT, CHARLES M.
UNION PACIFIC CORPORATION
BARNETT, FRANK E.
PALMER, EDWARD LEWIS
UNITED STATES STEEL CORPORATION
DEBUTTS, JOHN D.
AMERICAN BROADCASTING COMPANIES
JENKINS, GEORGE P.
BETHLEHEM STEEL CORPORATION
JENKINS, GEORGE P.
CITICORP
GRACE, J. PETER
JENKINS, GEORGE P.
COMMONWEALTH EDISON

GRACE, W. R., AND CO.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTINGHOUSE ELECTRIC CORPORATION

PRINCE, WILLIAM WOOD
EASTERN AIRLINES, INC.
PHALEN, CLIFTON W.
PRINCE, WILLIAM WOOD
FIRST CHICAGO CORPORATION
PRINCE, WILLIAM WOOD
FIRST NATIONAL BOSTON CORP.
FOSTER, RAYMOND C.
MARINE MIDLAND BANKS, INC.
LARFEN, FELIX E.
OWENS, CORNELIUS W.
METROPOLITAN LIFE INSURANCE COMPANY
JENKINS, GEORGE P.
TRANSAMERICA CORPORATION
SHUMWAY, FORREST NELSON
MERCANTILE STORES CO., INC. KROGER COMPANY, THE
SHAW, R. NELSON
UNION PACIFIC CORPORATION
MILLIKEN, MINOT K.
UNITED STATES STEEL CORPORATION
MOOFE, GEORGE S.
CITICORP
GRACE, J. PETER
MILLIKEN & CO.
NOKIN, MAX
GENSTAR LTD.
GENERAL MOTORS CORP.
MCLAUGHLIN, W. EARLE
METROPOLITAN LIFE INSURANCE COMPANY
MCLAUGHLIN, W. EARLE
PIVIROTT, RICHARD R.
ASSOCIATED DRY GOODS CORP.
CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
PLATTEN, DONALD C.
EQUITABLE LIFE ASSURANCE
SEILER, LEWS P.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
NEW YORK LIFE INSURANCE COMPANY
BROWN, R. MANNING, JR.
UNION CARBIDE CORPORATION
BROWN, R. MANNING, JR.
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.
BOWERY SAVINGS BANK AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
CHEMICAL NEW YORK CORPORATION
WALLACE, MARTHA REDFIELD
METROPOLITAN LIFE INSURANCE COMPANY
WEAVER, ROBERT C.
CHEMICAL NEW YORK CORPORATION AMERICAN EXPRESS COMPANY
WALLACE, MARTHA REDFIELD
WARNER, RAWLEIGH, JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
BROWN, CHARLES L.
WARNER, RAWLEIGH, JR.
ATLANTIC RICHFIELD COMPANY
PLACE, JOHN B. M.
CATERPILLAR TRACTOR COMPANY
WARNER, RAWLEIGH, JR.
CONSOLIDATED EDISON CO OF NEW YORK
PENCHARD, WILLIAM S.
WILLIAMS, FRANKLIN H.
DUPONT, E. I., DE NEMOURS AND CO.
BROWN, CHARLES L.
EXXON CORPORATION
PIERCY, GEORGE T.
GENERAL ELECTRIC COMPANY
HILLMAN, HENRY L.
INTERNATIONAL BUSINESS MACHINES CORP.
FUNSTON, G. KEITH
LEAPSON, T. VINCENT
METROPOLITAN LIFE INSURANCE COMPANY
FUNSTON, G. KEITH
PLACE, JOHN B. M.
MOBIL CORPORATION
WARNER, RAWLEIGH, JR.
NEW YORK LIFE INSURANCE COMPANY
PENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
SEARS, ROEBUCK AND CO.
BUTTON, JAMES W.
STANDARD OIL COMPANY OF INDIANA
WOOD, RICHARD D.
UNITED STATES STEEL CORPORATION
WALKER, WILBERT A.
GENERAL AMERICAN INVESTORS CO., INC.
NEW YORK LIFE INSURANCE COMPANY
AMERICAN ELECTRIC POWER COMPANY, INC.
STANTON, FRANK
ATLANTIC RICHFIELD COMPANY
STANTON, FRANK
BURLINGTON NORTHERN, INC.
BUDD, J. M.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTINGHOUSE ELECTRIC CORPORATION

CBS, INC.
STANTON, FRANK
THOMAS, FRANKLIN A.
CHEMICAL NEW YORK CORPORATION
RENCHARD, WILLIAM S.
CHRYSLER CORPORATION
HAUGE, GABRIEL
CITICORP
THOMAS, FRANKLIN A.
CONSOLIDATED EDISON CO OF NEW YORK
PERKINS, RICHARD S.
RENCHARD, WILLIAM S.
CROCKER NATIONAL CORPORATION
HULL, JEROME W.
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.
PERKINS, RICHARD S.
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
HAUGE, GABRIEL
MITCHELL, DAVID W.
MORGAN, J. P., AND CO., INC.
BROWN, R. MANNING, JR.
PAN AMERICAN WORLD AIRWAYS, INC.
STANTON, FRANK
SOUTHERN PACIFIC COMPANY
MONROE, GEORGE B.
PERKINS, RICHARD S.
UNION CARBIDE CORPORATION
BROWN, P. MANNING, JR.

SIMPSON, JOHN W.
HOVERMARINE CORP.
INTERNATIONAL ENERGY ASSOCIATES LIMITED
TAYLOR, HOBART, JR.
AETNA LIFE AND CASUALTY COMPANY

CITICORP
GRAY, HARRY J.
EASTMAN KODAK COMPANY
SHEPHERD, ROBERT A.
EXXON CORPORATION
GRAY, HARRY J.
MORGAN, J. P., AND CO., INC.
SMITH, OLCOTT D.
UNITED STATES STEEL CORPORATION
FILER, JOHN H.
RODERICK, DAVID M.

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
EQUITABLE LIFE ASSURANCE
AGEE, WILLIAM M.
GENERAL ELECTRIC COMPANY
DANCE, WALKER D.
GENERAL PUBLIC UTILITIES CORP.
HAUPTFUHRER, BARBARA BARNES
GOODYEAR TIRE AND RUBBER COMPANY
DODD, EDWIN D.
PAN AMERICAN WORLD AIRWAYS, INC.
WISER, FORWOOD C., JR.
PROCTER AND GAMBLE COMPANY
SHEPARD, HORACE A.
CONTINENTAL CORPORATION, THE
LEACH, RALPH F.
MORGAN, J. P., AND CO., INC.
LEACH, RALPH F.
SOUTHERN RAILWAY COMPANY
LEACH, RALPH F.

STANDARD OIL CO. OHIO
URBAN NATIONAL CORP.

WHITMAN, MARINA V. N.
MANUFACTURERS HANOVER CORPORATION

AMERICAN AIR LINES, INC.
BEERS, WILLIAM O.
AMERICAN BROADCASTING COMPANIES
MACIOCE, THOMAS M.
AMERICAN EXPRESS COMPANY
HENLEY, HENRY H., JR.
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
HOLLAND, JEROME HEARTWELL
LINDHOLM, WILLIAM L.
CHRYSLER CORPORATION
HAUGE, GABRIEL
HOLLAND, JEROME HEARTWELL
CONSOLIDATED EDISON CO OF NEW YORK
BEINECKE, WILLIAM S.
CONTINENTAL CORPORATION, THE
HOLLAND, JEROME HEARTWELL
RICKER, JOHN B., JR.
WILSON, F. PERRY
ZIPF, GEORGE G.
FEDERATED DEPARTMENT STORES, INC.
HOLLAND, JEROME HEARTWELL
GENERAL ELECTRIC COMPANY
HENLEY, HENRY H., JR.
GOODYEAR TIRE AND RUBBER COMPANY
PILLIOD, CHARLES JULE, JR.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
HAUGE, GABRIEL

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WESTINGHOUSE ELECTRIC CORPORATION

	MITCHELL, DAVID W.
	SEARS, ROEBUCK AND CO.
	BEERS, WILLIAM O.
	SOUTHERN PACIFIC COMPANY
	MUNROE, GEORGE B.
	UNION CARBIDE CORPORATION
	HOLLAND, JEROME HEARTWELL
	WILSON, F. PERRY
	UNITED STATES STEEL CORPORATION
	BEERS, WILLIAM O.
PROCTER AND GAMBLE CO.	FEDERATED DEPARTMENT STORES, INC.
	LINGLE, WALTER L., JR.
WILCOX, GEORGE L.	
KAISER STEEL CORP.	BANKAMERICA CORPORATION
	KAISER, EDGAR F.
PITTSBURGH NATIONAL CORP.	CHEMICAL NEW YORK CORPORATION
	HILLMAN, HENRY L.
	GENERAL ELECTRIC COMPANY
	HILLMAN, HENRY L.
	NATIONAL DETROIT CORPORATION
	STINSON, GEORGE A.
	UNITED STATES STEEL CORPORATION
	LARRY, R. HEATH

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WOOLWORTH, F. W., CO.
BURCHAM, LESTER A.
CHARTER, NEW YORK CORP.

GENERAL TELEPHONE AND ELECTRONICS CORP.
BROPHY, THEODORE F.
KNOWLES, JOHN H., M.D.
MURPHY, GEORGE A.
METROPOLITAN LIFE INSURANCE COMPANY
SMILEY, DONALD B.
NORTHEAST UTILITIES
SILLIN, LELAN F., JR.
RCA CORP.
SMILEY, DONALD B.
SHELL OIL COMPANY
BOOKOUT, JOHN F.
UNION PACIFIC CORPORATION
MITCHELL, HAMILTON B.
UNITED STATES STEEL CORPORATION
SMILEY, DONALD B.

KINNEY SHOE CORPORATION
RICHMAN BROTHERS CO.

WESTERN ELECTRIC CO., INC.

WESTERN ELECTRIC CO., INC.
GUSHMAN, JOHN LOUIS
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
INTERNATIONAL HARVESTER COMPANY
RATTALIATA, JOHN T.
MORGAN, J. P., AND CO., INC.
PROCKNOW, DONALD E.
PENNEY, J. C., CO., INC.
KREPS, JUANITA M.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCKNOW, DONALD E.
SANTA FE INDUSTRIES, INC.
LAWRENCE, JOHN L.
RATTALIATA, JOHN T.
UNION PACIFIC CORPORATION
KENEFICK, JOHN C.

CARRY, PATRICIA J.
BORDEN, INC.

CBS, INC.
BROWN, COURTNEY C.
CHEMICAL NEW YORK CORPORATION
MARUSI, AUGUSTINE R.
RENCHARD, WILLIAM S.
RICE, WILLIAM THOMAS
CONSOLIDATED EDISON CO OF NEW YORK
RENCHARD, WILLIAM S.
WIEN, LAWRENCE A.
CONTINENTAL CORPORATION, THE
STEWART, PATRICIA CARRY
MANUFACTURERS HANOVER CORPORATION
FINLEY, JAMES D.
NEW YORK LIFE INSURANCE COMPANY
FINLEY, JAMES D.
RENCHARD, WILLIAM S.
SEABOARD COAST LINE INDUSTRIES, INC.
RICE, WILLIAM THOMAS
TRANS WORLD AIRLINES, INC.
STEWART, PATRICIA CARRY
UNION PACIFIC CORPORATION
BROWN, COURTNEY C.

CHENAULT, DAVID E.
CLARKE, GORDON T.
GERSTENBERGER, DONALD J.
GUSHMAN, JOHN LOUIS
ANCHOR ROCKING CORP.

DANA CORP.

HUNTINGTON BANCSHARES, INC.
KEYES FIBER CO.

LIBBEY-OWENS-FORD CO.

RICHMAN BROTHERS CO.

WESTERN ELECTRIC CO., INC.

KROGER COMPANY, THE
THOMPSON, MORLEY P.
MANUFACTURERS HANOVER CORPORATION
MCPHERSON, FENE C.
FEDERATED DEPARTMENT STORES, INC.
LANDSMAN, HERBERT H.
COLUMBIA GAS SYSTEM
MACNICHOL, GEORGE P.
CONSUMERS POWER COMPANY
MCKONE, DON T.
NATIONAL DETROIT CORPORATION
MCKONE, DON T.
NEW YORK LIFE INSURANCE COMPANY
DONNELL, J. C., II
PRUDENTIAL INSURANCE CO. OF AMERICA
SCHAEFERLE, ROBERT M.
CHARTER NEW YORK CORP.
BURCHAM, LESTER A.
WESTERN ELECTRIC CO., INC.
BURCHAM, LESTER A.
BANKERS TRUST NEW YORK CORP
BICKMORE, LEE S.
CHARTER NEW YORK CORP.
BURCHAM, LESTER A.
EASTMAN KODAK COMPANY
KREPS, JUANITA M.
INTERNATIONAL HARVESTER COMPANY
RATTALIATA, JOHN T.
MORGAN, J. P., AND CO., INC.

COMPANY LISTING WITH SECONDARY INTERLOCK TERM DIRECTOR
FOR WOOLWORTH, F. W., CO.

HARRIS, W. ROBERT
JAMES, GEORGE F.
EDIE SPECIAL GROWTH FUND
EQUITABLE LIFE ASSURANCE

PROCTER, DONALD E.
PENNEY, I. C., CO., INC.
PREPS, JUANITA M.
PRUDENTIAL INSURANCE CO. OF AMERICA
PROCTER, DONALD E.
SANTA FE INDUSTRIES, INC.
LAWRENCE, JOHN L.
PATTALIA, JOHN T.
UNION PACIFIC CORPORATION
KENEPICK, JOHN C.

AMERICAN AIR LINES, INC.
BESS, FRANCIS E.
FLEISCHMANN, MANLY
BURLINGTON NORTHERN, INC.
HENDERICKSON, ROBERT M.
CHASE MANHATTAN CORP.
EVLUND, C. G.
CITICORP
SHELDON, ELEANOR H. B.
CONSOLIDATED EDISON CO. OF NEW YORK
MUMFORD, MILTON C.
CONTINENTAL OIL COMPANY
BESS, C. W.
EXXON CORPORATION
JAMIESON, J. F.
FORD MOTOR CO.
WHARTON, CLIFTON R.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
AGEE, WILLIAM M.
MELLON NATIONAL CORPORATION
FISHER, A. W.
MOBIL CORPORATION
SHELDON, ELEANOR H. B.

FUNDAMERICA OF JAPAN
HUYCK CORP.

BANKERS TRUST NEW YORK CORP.
BAYLIS, CHESTER, JR.

FINNEY SHOE CORP.
MERRILL LYNCH CAPITAL FUND
MERRILL LYNCH READY FUND
FIREY, FRED MORGAN, II
ALLEGHAM CORPORATION

INVESTORS DIVERSIFIED SERVICES, INC.
FIREY, ALLAN PRICE, JR.

DILLARD PAPER CO.
INVESTORS DIVERSIFIED SERVICES, INC.
PITTSBURGH CO., THE

INVESTORS DIVERSIFIED SERVICES, INC.
MCINLEY, EDWARD FRANCIS
KRESGE, S. S., COMPANY
FURCELL, ROBERT W.
GENERAL ELECTRIC COMPANY
PIERCE, SAMUEL RILEY, JR.
NORFOLK AND WESTERN RAILWAY COMPANY
FOWLER, HENRY H.
PRUDENTIAL INSURANCE CO. OF AMERICA
PIERCE, SAMUEL RILEY, JR.
YUNICH, DAVID L.

U. S. INDUSTRIES, INC.

KIRKWOOD, ROBERT C.
KNOX, SEYMOUR H.
PRATT AND LAMBERT
LEFTWICH, JAMES T.
LESCH, GEORGE H.
AMSTAR CORP.

EXXON CORPORATION
CLARKE, JACK G.
GENERAL PUBLIC UTILITIES CORP.
BENNETT, JOHN F.
TRANS WORLD AIRLINES, INC.
TILLINGHAST, CHARLES C.
KROGER COMPANY, THE
THOMPSON, MORLEY P.
WESTERN ELECTRIC CO., INC.
GUSHMAN, JOHN LOUIS
CHEMICAL NEW YORK CORPORATION
BENNETT, NORBORNE, JR.
VILA, GEORGE P.
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.
SCHIFF, JOHN M.

ANCHOR HOOKING CORP.

UNIROYAL INC.

LYNN, JOHN W.
NELSON, GEORGE W.
OWEN, STEPHEN J.
F. W. WOOLWORTH & CO., LTD.
PECK, ANDREW F.
KIDDER, PEABODY & CO, INC.
ROBERTS, JOHN S.
FIRST NATIONAL STATE BANK CORPORATION

PRUDENTIAL INSURANCE CO. OF AMERICA
MEYNER, R. B.
MUMMA, A. G.

SMITH, E. W.
WALLIS, GORDON T.
ADELA INVESTMENT CO., S. A.

EXXON CORPORATION
BENNETT, JACK F.
GENERAL MOTORS CORP.

COMPANY LISTING WITH SECONDARY INTERLOCK THRU DIRECTOR
FOR WOOLWORTH, F. W., CO.

	MCLAUGHLIN, W. EARLE
	METROPOLITAN LIFE INSURANCE COMPANY
	MCLAUGHLIN, W. EARLE
	MORGAN, J. P., AND CO., INC.
	COLLADO, EMILLIO G.
CHARTER NEW YORK CORP.	GENEPAL TELEPHONE AND ELECTRONICS CORP.
	BROPHY, THEODORE F.
	KNOWLES, JOHN H., M.D.
	MURPHY, GEORGE A.
	METROPOLITAN LIFE INSURANCE COMPANY
	SMILEY, DONALD B.
	NORTHEAST UTILITIES
	SILLIN, LELAN F., JR.
	RCA CORP.
	SMILEY, DONALD B.
	SHELL OIL COMPANY
	BOOKOUT, JOHN F.
	UNION PACIFIC CORPORATION
	MITCHELL, HAMILTON B.
	UNITED STATES STEEL CORPORATION
	SMILEY, DONALD B.
	WESTERN ELECTRIC CO., INC.
	BURCHAM, LESTER A.
INTERNATIONAL COMMERCIAL BANK, LTD.	
IRVING TRUST CO.	CONSOLIDATED EDISON CO OF NEW YORK
	PAINE, PETER S.
	CONTINENTAL CORPORATION, THE
	PAINE, PETER S.
	UNION PACIFIC CORPORATION
	MILLIKEN, MINOT K.
STERLING DRUG, INC.	PHILLIPS PETROLEUM COMPANY
	WESCOE, W. CLARKE
THOMPSON, J. WALTER, CO.	PRUDENTIAL INSURANCE CO. OF AMERICA
	YUNICH, DAVID L.

APPENDIX B

Numbers of Direct and Indirect Interlocks between
Each of the 130 Major Companies in 1976
(Alphabetically by Company)

Appendix B sets forth a computer count of the number of direct and indirect interlocking routes between each of the 130 major companies. The information is set out by company alphabetically. Also included for each major firm are its totals of direct routes, indirect routes and intermediate companies providing the indirect interlocks, as well as the total number of other major companies reached by such direct and indirect interlocks.

For example, the printout shows that Aetna Life and Casualty Company has one director who is also a director of Citicorp (a direct interlocking route). But it also had directors who linked with directors of Citicorp through eight routes on five intermediate boards. For purposes of counting a route is where a director of Aetna Life and Casualty sat with a director of Citicorp (who was not also a director of Aetna) on a third company's board. A more detailed description of these direct and indirect linkages may be found in Appendix A, and for selected companies, in Analyses 1, 2 and 3 of Part II.

AETNA LIFE AND CASUALTY COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	2	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN EXPRESS COMPANY	0	4	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	7	4
BETHLEHEM STEEL CORPORATION	0	3	2
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	5	2
CBS, INC.	0	2	2
CHARTER NEW YORK CORP.	0	5	3
CHASE MANHATTAN CORP.	0	3	2
CHEMICAL NEW YORK CORPORATION	0	5	4
CITICORP	1	8	5
COMMONWEALTH EDISON	0	1	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	11	4
CONTINENTAL CORPORATION, THE	0	3	3
CONTINENTAL ILLINOIS CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTMAN KODAK COMPANY	1	8	6
EQUITABLE LIFE ASSURANCE	0	3	3
EXXON CORPORATION	1	2	2
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST BANK SYSTEM, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	1	1
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	5	3
GENERAL MOTORS CORP.	0	11	4
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	1	0	0
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	3
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	4	2
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	3	2
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	8	7
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	1	3	3
NEW YORK LIFE INSURANCE COMPANY	0	3	3
NORTHEAST UTILITIES	0	4	2
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWEST BANCORPORATION	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	3	2
PROCTER AND GAMBLE COMPANY	0	6	5
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
RCA CORP.	0	3	2
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	7	5
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
TEXACO, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	0	15	6
UNION CARBIDE CORPORATION	0	1	1
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	2	2	2
WESTINGHOUSE ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	1	2	2
TOTALS FOR 63 INTERLOCKED COMPANIES	8	196	135
AHMANSON, H. F., AND COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
BANKAMERICA CORPORATION	0	2	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	1
GREAT WESTERN FINANCIAL CORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
SECURITY PACIFIC CORP.	0	3	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	1
TRANS WORLD AIRLINES, INC.	0	1	1
WESTERN BANCORPORATION	0	1	1
TOTALS FOR 9 INTERLOCKED COMPANIES	0	14	10
AMERICAN AIR LINES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	8	4
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	0	3	2
BANKERS TRUST NEW YORK CORP	0	1	1
BETHLEHEM STEEL CORPORATION	0	2	2
BURLINGTON NORTHERN, INC.	0	2	1
CATERPILLAR TRACTOR COMPANY	0	5	4
CBS, INC.	0	1	1

CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	6	4
CHEMICAL NEW YORK CORPORATION	0	2	2
CHEVSELER CORPORATION	0	5	3
CITICORP	0	9	6
COMMONWEALTH EDISON	0	2	1
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONSUMERS POWER COMPANY	0	3	1
CONTINENTAL CORPORATION, THE	0	7	4
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	2	1
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	1	4	2
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	5	4
EQUITABLE LIFE ASSURANCE	2	1	1
EXXON CORPORATION	0	2	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	6	4
FIRST NATIONAL BOSTON CORP.	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	2	2
FORD MOTOR CO.	0	6	4
GENERAL ELECTRIC COMPANY	0	3	3
GENERAL MOTORS CORP.	1	7	5
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	3	2
KRESGE, S. S., COMPANY	0	7	3
MANUFACTURERS HANOVER CORPORATION	1	3	2
MARINE MIDLAND BANKS, INC.	1	0	0
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	4	3
METROPOLITAN LIFE INSURANCE COMPANY	0	6	5
MIDDLE SOUTH UTILITIES, INC.	0	2	2
MOBIL CORPORATION	0	5	3
MORGAN, J. P., AND CO., INC.	0	6	4
NATIONAL DETROIT CORPORATION	1	6	3
NEW YORK LIFE INSURANCE COMPANY	0	4	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	4	4
PAN AMERICAN WORLD AIRWAYS, INC.	0	3	2
PPGOTER AND GAMBLE COMPANY	0	2	2
PCA CORP.	0	2	2
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	3	3
SEARS, ROEBUCK AND CO.	1	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	0	2	1
UNION CARBIDE CORPORATION	0	5	4
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	1	5	4
WESTERN HANCOCK CORPORATION	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	3	2
WOOLWORTH, F. W., CO.	0	2	1
TOTALS FOR 71 INTERLOCKED COMPANIES	0	208	150

AMERICAN BROADCASTING COMPANIES	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
ASTNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	3	2
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	1	1
BETHLEHEM STEEL CORPORATION	1	0	0
CBS, INC.	0	3	2
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	5	4
CHEMICAL NEW YORK CORPORATION	0	4	3
CHEVSELER CORPORATION	0	2	1
CITICORP	1	4	2
COMMONWEALTH EDISON	0	3	3
CONSOLIDATED EDISON CO OF NEW YORK	0	2	3
CONTINENTAL CORPORATION, THE	0	5	2
CONTINENTAL ILLINOIS CORPORATION	0	2	2
CROCKER NATIONAL CORPORATION	0	2	2
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTERN AIRLINES, INC.	0	2	1
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	3	2
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	2	2
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	2	2
GENERAL MOTORS CORP.	0	5	3
GOODYEAR TIRE AND RUBBER COMPANY	0	3	3

INTERNATIONAL BUSINESS MACHINES CORP.	0	4	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	1	5	3
MARINE MIDLAND BANKS, INC.	0	4	3
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	0	0
MOBIL CORPORATION	0	2	2
MORGAN, J. P., AND CO., INC.	0	3	2
NEW YORK LIFE INSURANCE COMPANY	0	7	4
NORTHWEST AIRLINES, INC.	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	2	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	2	2
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	1	1
RCA CORP.	0	3	3
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	2	2
SOUTHERN PACIFIC COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
STANDARD OIL COMPANY OF INDIANA	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	4	2
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	0	5	4
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TOTALS FOR 62 INTERLOCKED COMPANIES	4	135	107

AMERICAN ELECTRIC POWER COMPANY, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	1	1	1
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	1	1
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	1	2	2
CHARTER NEW YORK CORP.	0	3	2
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	4	3
CHRYSLER CORPORATION	0	1	1
CITICORP	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	0	2	1
CONSUMERS POWER COMPANY	0	3	2
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	2	1
CROCKER NATIONAL CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	2	2
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	2	1
FEDERATED DEPARTMENT STORES, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	5	3
FIRST NATIONAL BOSTON CORP.	0	9	2
FLORIDA POWER AND LIGHT COMPANY	0	2	2
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	2	2
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	2
INTERNATIONAL HARVESTER COMPANY	0	3	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	1	5	3
KRESGE, S. S., COMPANY	0	4	3
KROGER COMPANY, THE	1	0	0
MANUFACTURERS HANOVER CORPORATION	0	3	1
MARINE MIDLAND BANKS, INC.	0	2	2
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	2	2
MIDDLE SOUTH UTILITIES, INC.	0	2	2
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	4	4
NATIONAL DETROIT CORPORATION	0	3	3
NEW YORK LIFE INSURANCE COMPANY	1	1	1
NORTHEAST UTILITIES	0	2	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	1	2	2
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
RCA CORP.	0	1	1
SANTA FE INDUSTRIES, INC.	1	0	0
SECURITY PACIFIC CORP.	0	2	2
SOUTHERN PACIFIC COMPANY	0	3	2

SOUTHERN RAILWAY COMPANY	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	1	1
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	0	2	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
TOTALS FOR 69 INTERLOCKED COMPANIES	7	129	100

AMERICAN EXPRESS COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AFTNA LIFE AND CASUALTY COMPANY	0	4	2
AMERICAN AIR LINES, INC.	0	2	2
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	23	12
ATLANTIC RICHFIELD COMPANY	0	8	5
BANKERS TRUST NEW YORK CORP	0	26	10
CATERPILLAR TRACTOR COMPANY	2	8	6
CBS, INC.	0	4	3
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	1	8	5
CHEMICAL NEW YORK CORPORATION	2	20	15
CHRYSLER CORPORATION	0	14	7
CITICORP	0	16	10
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	1	9	5
CONSOLIDATED EDISON CO OF NEW YORK	0	8	5
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONTINENTAL CORPORATION, THE	0	13	6
CONTINENTAL ILLINOIS CORPORATION	0	3	3
CONTINENTAL OIL COMPANY	1	15	7
CROCKER NATIONAL CORPORATION	0	1	1
DELTA AIR LINES CORPORATION	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	9	5
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	8	5
EXXON CORPORATION	0	6	4
FEDERATED DEPARTMENT STORES, INC.	0	21	9
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	5	2
FIRST NATIONAL BOSTON CORP.	0	3	2
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	1	10	8
GENERAL MOTORS CORP.	0	7	4
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	1	21	12
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	4	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
LOEWS CORPORATION	0	1	1
MANUFACTURERS HANOVER CORPORATION	1	12	6
MARINE MIDLAND BANKS, INC.	0	4	4
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	10	7
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	2	25	13
MORGAN, J. P., AND CO., INC.	0	8	6
NEW YORK LIFE INSURANCE COMPANY	0	11	5
NORTHWEST AIRLINES, INC.	0	2	2
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	2
PACIFIC GAS AND ELECTRIC COMPANY	0	8	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	4	2
PENNEY, J. C., CO., INC.	0	11	5
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	5	4
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	1	1
PCA CORP.	0	1	1
SAFEWAY STORES, INC.	3	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	3	2
SEARS, ROEBUCK AND CO.	0	8	6
SECURITY PACIFIC CORP.	0	2	2
SHELL OIL COMPANY	0	8	3
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	2
SOUTHERN PACIFIC COMPANY	0	5	5
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
STANDARD OIL COMPANY OF INDIANA	0	4	3
TEXACO, INC.	1	1	1
TRANS WORLD AIRLINES, INC.	0	2	1
TRANSAMERICA CORPORATION	0	1	1
TRAVELEPS INSURANCE COMPANY	0	1	1
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	0	12	4
UNION PACIFIC CORPORATION	1	10	4
UNITED STATES STEEL CORPORATION	1	13	7
WELLS FARGO AND COMPANY	0	2	2
WESTERN BANCORPORATION	0	4	3

WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	6	4
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TOTALS FOR 84 INTERLOCKED COMPANIES	16	503	302

AMERICAN GENERAL CAPITAL MANAGEMENT, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
EASTERN AIRLINES, INC.	0	1	1
TENNECO, INC.	0	1	1
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TOTALS FOR 2 INTERLOCKED COMPANIES	0	2	2

AMERICAN STORES COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
BANKAMERICA CORPORATION	0	1	1
BETHLEHEM STEEL CORPORATION	0	1	1
CHEMICAL NEW YORK CORPORATION	0	1	1
CHESSEE SYSTEM, INC.	0	1	1
CITICORP	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	1	0	0
FEDERATED DEPARTMENT STORES, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	1
INTERNATIONAL HARVESTER COMPANY	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	1	1
PHILADELPHIA ELECTRIC COMPANY	1	1	1
PRICE (T. ROWE) ASSOCIATES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
UAL, INC.	0	1	1
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TOTALS FOR 19 INTERLOCKED COMPANIES	2	19	18

AMERICAN TELEPHONE AND TELEGRAPH COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	7	8
AMERICAN AIR LINES, INC.	0	8	4
AMERICAN BROADCASTING COMPANIES	0	3	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	1	23	12
AMERICAN STORES COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	8	6
BANKAMERICA CORPORATION	0	4	4
BANKERS TRUST NEW YORK CORP	1	18	11
BETHLEHEM STEEL CORPORATION	0	5	4
BRANIFF INTERNATIONAL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	1	10	6
CBS, INC.	0	4	3
CHARTER NEW YORK CORP.	0	2	1
CHASE MANHATTAN CORP.	0	22	12
CHEMICAL NEW YORK CORPORATION	2	11	9
CHRYSLER CORPORATION	1	9	7
CITICORP	1	20	12
COMMONWEALTH EDISON	0	2	1
CONNECTICUT GENEFAL LIFE INSURANCE COMPANY	0	5	5
CONSOLIDATED EDISON CO OF NEW YORK	0	9	5
CONSUMERS POWER COMPANY	0	3	3
CONTINENTAL CORPORATION, THE	1	12	5
CONTINENTAL ILLINOIS CORPORATION	1	0	0
CONTINENTAL OIL COMPANY	1	7	6
DETROIT EDISON COMPANY	0	4	1
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	1	6	6
EASTERN AIRLINES, INC.	0	3	3
EASTMAN KODAK COMPANY	0	12	7
EQUITABLE LIFE ASSURANCE	0	7	6
EXXON CORPORATION	1	8	6
FEDERATED DEPARTMENT STORES, INC.	1	7	6
FIRST BANK SYSTEM, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	14	7
FIRST NATIONAL BOSTON CORP.	0	9	4
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	9	7
GENERAL ELECTRIC COMPANY	0	14	10
GENERAL MOTORS CORP.	2	13	8
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	2	2
GOODYEAR TIRE AND RUBBER COMPANY	0	7	5
INTERNATIONAL BUSINESS MACHINES CORP.	0	22	15
INTERNATIONAL HARVESTER COMPANY	0	5	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	4	4
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	1	6	5
KRESGE, S. S., COMPANY	0	3	3
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	2	17	9
MARINE MIDLAND BANKS, INC.	0	4	3
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	3	3
MELLON NATIONAL CORPORATION	0	6	4
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	17	9
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MOBIL CORPORATION	1	12	7
MORGAN, J. P., AND CO., INC.	0	18	12

NATIONAL DETROIT CORPORATION	0	7	3
NEW YORK LIFE INSURANCE COMPANY	0	17	8
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	1
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	1	5	5
PAN AMERICAN WORLD AIRWAYS, INC.	0	4	2
PENNEY, J. C., CO., INC.	2	10	7
PHILLIPS PETROLEUM COMPANY	0	2	1
PROCTER AND GAMBLE COMPANY	1	5	4
PRUDENTIAL INSURANCE CO. OF AMERICA	1	10	6
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	5	2
PCA CORP.	0	3	2
SANTA FE INDUSTRIES, INC.	0	5	3
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	1
SEARS, ROEBUCK AND CO.	0	10	6
SECURITY PACIFIC CORP.	0	3	1
SHELL OIL COMPANY	0	2	2
SOUTHERN CALIFORNIA EDISON COMPANY	1	4	2
SOUTHERN PACIFIC COMPANY	0	5	4
SOUTHERN RAILWAY COMPANY	1	5	5
STANDARD OIL COMPANY OF CALIFORNIA	0	8	6
STANDARD OIL COMPANY OF INDIANA	0	6	3
TEXACO, INC.	1	1	1
TRANS WORLD AIRLINES, INC.	0	6	6
TRAVELERS INSURANCE COMPANY	0	1	1
UAL, INC.	0	4	4
UNION CARBIDE CORPORATION	1	9	6
UNION OIL COMPANY OF CALIFORNIA	0	2	1
UNION PACIFIC CORPORATION	0	6	4
UNITED STATES STEEL CORPORATION	2	16	9
WESTERN BANCORPORATION	1	4	3
WESTERN ELECTRIC CO., INC.	0	7	6
WESTINGHOUSE ELECTRIC CORPORATION	0	9	4
TOTALS FOR 92 INTERLOCKED COMPANIES	31	624	408

ATLANTIC RICHFIELD COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	2	2
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	1	1	1
AMERICAN EXPRESS COMPANY	0	8	5
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	8	6
BANKAMERICA CORPORATION	0	4	3
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	1	1
BRANIFF INTERNATIONAL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	5	3
CATERPILLAR TRACTOR COMPANY	1	7	3
CBS, INC.	1	4	2
CHARTER NEW YORK CORP.	0	3	3
CHASE MANHATTAN CORP.	0	3	3
CHEMICAL NEW YORK CORPORATION	1	10	9
CHRYSLER CORPORATION	0	1	1
CITICORP	0	7	7
COMMONWEALTH EDISON	0	14	3
CONSOLIDATED EDISON CO OF NEW YORK	0	6	4
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL ILLINOIS CORPORATION	0	2	2
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	5	3
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTERN AIRLINES, INC.	0	4	2
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	2	2
EXXON CORPORATION	0	4	4
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST BANK SYSTEM, INC.	0	5	2
FIRST CHICAGO CORPORATION	3	10	6
FIRST NATIONAL BOSTON CORP.	0	3	3
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	3	3
GENERAL MOTORS CORP.	0	8	4
GOODYEAR TIRE AND RUBBER COMPANY	0	8	7
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	1
GREAT WESTERN FINANCIAL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	12	7
INTERNATIONAL HARVESTER COMPANY	0	6	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	9	5
MARINE MIDLAND BANKS, INC.	0	5	4
MELLON NATIONAL CORPORATION	0	2	2
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	11	8
MOBIL CORPORATION	0	3	3
MORGAN, J. P., AND CO., INC.	0	4	4
NEW YORK LIFE INSURANCE COMPANY	1	9	7
NORTHWEST AIRLINES, INC.	0	4	3
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	3	2
PAN AMERICAN WORLD AIRWAYS, INC.	2	6	5

PENNEY, J. C., CO., INC.	0	2	2
PHILADELPHIA ELECTRIC COMPANY	0	1	1
PHILLIPS PETROLEUM COMPANY	0	2	2
PROCTER AND GAMBLE COMPANY	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	1	7	3
SAFeway STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	6	4
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	2
SEARS, ROEBUCK AND CO.	0	9	4
SECURITY PACIFIC CORP.	1	4	3
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	8	4
SOUTHERN PACIFIC COMPANY	0	3	2
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	2
STANDARD OIL COMPANY OF INDIANA	0	5	3
TEXACO, INC.	0	2	1
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	0	7	2
UNION CARBIDE CORPORATION	0	4	3
UNION OIL COMPANY OF CALIFORNIA	0	3	2
UNION PACIFIC CORPORATION	0	4	3
UNITED STATES STEEL CORPORATION	0	8	6
WESTERN BANCORPORATION	0	3	2
WESTINGHOUSE ELECTRIC CORPORATION	0	4	4
TOTALS FOR 83 INTERLOCKED COMPANIES	13	331	231

BANKAMERICA CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AHMANSON, H. F., AND COMPANY	0	2	1
AMERICAN AIR LINES, INC.	0	3	2
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	4	4
ATLANTIC RICHFIELD COMPANY	0	4	3
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	2	1
CHEMICAL NEW YORK CORPORATION	0	2	2
CHRYSLER CORPORATION	1	0	0
CITICORP	0	3	2
COMMONWEALTH EDISON	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	3	2
CONTINENTAL OIL COMPANY	0	3	3
CROCKER NATIONAL CORPORATION	0	5	3
DUPONT, E. I., DE NEMOURS AND CO.	1	0	0
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	6	4
FORD MOTOR CO.	0	3	3
GENERAL ELECTRIC COMPANY	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
GULF OIL CORPORATION	0	2	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	3
INTERNATIONAL HARVESTER COMPANY	1	0	0
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	2	1
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	4	4
MISSOURI PACIFIC CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	2	2
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	5	5
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	1
OCCIDENTAL PETROLEUM CORPORATION	1	0	0
PACIFIC GAS AND ELECTRIC COMPANY	1	3	2
PAN AMERICAN WORLD AIRWAYS, INC.	1	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
RCA CORP.	0	1	1
SAFeway STORES, INC.	0	3	3
SANTA FE INDUSTRIES, INC.	0	3	3
SECURITY PACIFIC CORP.	0	8	6
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	1	6	4
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	3	2
STANDARD OIL COMPANY OF CALIFORNIA	1	1	1

TRANS WORLD AIRLINES, INC.	0	4	4
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	1	1	1
UNION CARBIDE CORPORATION	0	1	1
UNION OIL COMPANY OF CALIFORNIA	1	1	1
UNITED STATES STEEL CORPORATION	0	1	1
WELLS FARGO AND COMPANY	0	5	5
WESTERN BANK CORPORATION	0	7	7
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
TOTALS FOR 75 INTERLOCKED COMPANIES	10	153	127

BANKERS TRUST NEW YORK CORP	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	26	19
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	18	11
ATLANTIC RICHFIELD COMPANY	0	2	2
BRANIFF INTERNATIONAL CORPORATION	0	2	1
CATERPILLAR TRACTOR COMPANY	0	7	6
CHARTER NEW YORK CORP.	0	5	3
CHASE MANHATTAN CORP.	0	7	4
CHEMICAL NEW YORK CORPORATION	0	24	16
CHESSIE SYSTEM, INC.	0	1	1
CHRYSLER CORPORATION	0	5	4
CITICORP	0	14	9
COLUMBIA GAS SYSTEM	0	1	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	4	3
CONSOLIDATED EDISON CO OF NEW YORK	0	2	2
CONSUMERS POWER COMPANY	1	1	1
CONTINENTAL CORPORATION, THE	0	4	4
CONTINENTAL ILLINOIS CORPORATION	0	4	4
CONTINENTAL OIL COMPANY	1	6	5
CROCKER NATIONAL CORPORATION	0	2	2
DETROIT EDISON COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	5	4
EASTERN AIRLINES, INC.	0	2	2
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	6	5
EXXON CORPORATION	0	2	2
FEDERATED DEPARTMENT STORES, INC.	0	7	5
FIRST CHICAGO CORPORATION	0	5	3
FLORIDA POWER AND LIGHT COMPANY	0	2	2
FORD MOTOR CO.	1	6	5
GENERAL ELECTRIC COMPANY	0	11	7
GENERAL MOTORS CORP.	0	7	4
GENERAL PUBLIC UTILITIES CORP.	0	3	2
GENERAL TELEPHONE AND ELECTRONICS CORP.	1	0	0
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT WESTERN FINANCIAL CORPORATION	0	1	1
GULF OIL CORPORATION	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	1	12	9
INTERNATIONAL HARVESTER COMPANY	0	3	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
INVESTORS DIVERSIFIED SERVICES, INC.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	3	3
KRESGE, S. S., COMPANY	0	9	6
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	11	7
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS FINANCIAL SERVICES, INC.	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	1	0	2
MELLON NATIONAL CORPORATION	0	9	6
MERRILL LYNCH AND COMPANY, INC.	0	2	1
METROPOLITAN LIFE INSURANCE COMPANY	0	3	3
MIDDLE SOUTH UTILITIES, INC.	0	2	2
MOBIL CORPORATION	2	9	6
MORGAN, J. P., AND CO., INC.	0	6	6
NATIONAL DETROIT CORPORATION	0	7	3
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	2
NORTHEAST UTILITIES	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	7	6
PAN AMERICAN WORLD AIRWAYS, INC.	0	3	2
PENNEY, J. C., CO., INC.	2	5	5
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	1	8	5
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	2	1
SAFFWAY STORES, INC.	0	4	3
SANTA FE INDUSTRIES, INC.	0	3	2
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	1
SEARS, ROEBUCK AND CO.	0	3	2
SECURITY PACIFIC CORP.	0	1	1
SHELL OIL COMPANY	0	2	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	4	4
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	1	1
TEXACO, INC.	0	2	2
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	0	6	4
UNION PACIFIC CORPORATION	0	10	5

UNITED STATES STEEL CORPORATION	0	8	5
VEPCO	0	2	1
WELLS FARGO AND COMPANY	0	5	5
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	1	4	3
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2
WOOLWORTH, F. W., CO.	0	3	2
TOTALS FOR 88 INTERLOCKED COMPANIES	13	390	278

BETHLEHEM STEEL CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	3	2
AMERICAN AIR LINES, INC.	0	2	2
AMERICAN BROADCASTING COMPANIES	1	0	0
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	5	4
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	2	1
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	4	3
CHEMICAL NEW YORK CORPORATION	0	4	3
CITICORP	1	5	3
COMMONWEALTH EDISON	1	4	4
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONTINENTAL CORPORATION, THE	0	2	1
CONTINENTAL ILLINOIS CORPORATION	1	3	2
CONTINENTAL OIL COMPANY	0	2	2
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	3	2
DUPONT, E. I., DE NEMOURS AND CO.	1	5	3
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	0	8	6
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	3	2
FEDERATED DEPARTMENT STORES, INC.	0	3	2
FIRST CHICAGO CORPORATION	0	14	9
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	3	2
GENERAL ELECTRIC COMPANY	0	7	2
GENERAL MOTORS CORP.	1	12	5
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	9	6
INTERNATIONAL HARVESTER COMPANY	0	5	4
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	3	2
MANUFACTURERS HANOVER CORPORATION	0	1	1
MARINE MIDLAND BANKS, INC.	0	3	2
MELLON NATIONAL CORPORATION	0	2	2
METROPOLITAN LIFE INSURANCE COMPANY	1	8	5
MISSOURI PACIFIC CORPORATION	0	2	1
MOBIL CORPORATION	0	2	2
MORGAN, J. P., AND CO., INC.	2	4	3
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	3	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PENNEY, J. C., CO., INC.	0	2	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	6	5
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	1
RCA CORP.	0	2	2
SANTA FE INDUSTRIES, INC.	1	1	1
SEARS, ROEBUCK AND CO.	0	8	6
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	2	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
STANDARD OIL COMPANY OF INDIANA	1	2	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	0	5	3
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	4	3
WESTERN ELECTRIC CO., INC.	0	4	2
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2
TOTALS FOR 71 INTERLOCKED COMPANIES	11	210	148

BRANIFF INTERNATIONAL CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
ATLANTIC RICHFIELD COMPANY	0	2	1
BANKERS TRUST NEW YORK CORP	0	2	1
CHEMICAL NEW YORK CORPORATION	0	3	2
CITICORP	0	2	1
DUKE POWER CO	1	4	3
EXXON CORPORATION	0	2	1
GENERAL MOTORS CORP.	0	2	1

GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	1
MANUFACTURERS HANOVER CORPORATION	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	4	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	3	3
TEXAS UTILITIES COMPANY	0	3	1
UNION PACIFIC CORPORATION	0	1	1
TOTALS FOR 15 INTERLOCKED COMPANIES	1	37	20

BURLINGTON NORTHERN, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	2	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	5	3
BANKAMERICA CORPORATION	0	1	1
BETHLEHEM STEEL CORPORATION	0	2	1
CATERPILLAR TRACTOR COMPANY	0	3	2
CBS, INC.	0	2	1
CHASE MANHATTAN CORP.	0	3	2
CHEMICAL NEW YORK CORPORATION	0	2	1
CHRYSLER CORPORATION	0	1	1
CITICORP	0	4	3
COMMONWEALTH EDISON	0	7	3
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL ILLINOIS CORPORATION	0	4	3
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	3	3
EQUITABLE LIFE ASSURANCE	1	2	2
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST BANK SYSTEM, INC.	2	3	3
FIRST CHICAGO CORPORATION	1	7	6
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	4	2
GENERAL MOTORS CORP.	0	9	5
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HAPVESTER COMPANY	1	4	4
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	3	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	3	3
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	1	1	1
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	1	1	1
NORTHWEST AIRLINES, INC.	0	6	3
NORTHWEST BANCORPORATION	1	5	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	3
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	4	3
SANTA FE INDUSTRIES, INC.	0	3	3
SEARS, ROEBUCK AND CO.	0	3	2
SECURITY PACIFIC CORP.	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	0	2	1
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
STANDARD OIL COMPANY OF INDIANA	0	3	3
TENNECO, INC.	0	1	1
UAL, INC.	0	4	3
UNION CARBIDE CORPORATION	0	2	2
UNION PACIFIC CORPORATION	0	3	2
UNITED STATES STEEL CORPORATION	0	2	1
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 71 INTERLOCKED COMPANIES	8	165	126

CAPITAL RESEARCH MANAGEMENT COMPANIES	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
TOTALS FOR 0 INTERLOCKED COMPANIES	0	0	0
CATERPILLAR TRACTOR COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	5	2
AMERICAN AIR LINES, INC.	0	5	4
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1

AMERICAN EXPRESS COMPANY	2	8	6
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	10	6
ATLANTIC RICHFIELD COMPANY	1	7	3
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	7	6
BURLINGTON NORTHERN, INC.	0	3	2
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	3	2
CHASE MANHATTAN CORP.	0	10	8
CHEMICAL NEW YORK CORPORATION	1	14	10
CHRYSLER CORPORATION	0	5	5
CITICORP	0	11	7
COMMONWEALTH EDISON	0	8	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	4	3
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONTINENTAL CORPORATION, THE	0	5	5
CONTINENTAL ILLINOIS CORPORATION	0	6	6
CONTINENTAL OIL COMPANY	0	6	5
DETROIT EDISON COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	4	3
EASTERN AIRLINES, INC.	0	2	1
EASTMAN KODAK COMPANY	0	2	1
EQUITABLE LIFE ASSURANCE	0	3	3
EXXON CORPORATION	1	2	2
FEDERATED DEPARTMENT STORES, INC.	0	4	3
FIRST BANK SYSTEM, INC.	0	7	4
FIRST CHICAGO CORPORATION	2	6	4
FIRST NATIONAL BOSTON CORP.	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	4	3
GENERAL MOTORS CORP.	0	11	5
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	1	8	7
INTERNATIONAL HARVESTER COMPANY	0	5	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
MANUFACTURERS HANOVER CORPORATION	0	10	5
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	3	2
METROPOLITAN LIFE INSURANCE COMPANY	0	12	9
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	1	12	6
MORGAN, J. P., AND CO., INC.	0	2	2
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	4	3
NORTHWEST AIRLINES, INC.	0	6	3
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	6	3
PENNEY, J. C., CO., INC.	0	2	1
PROCTER AND GAMBLE COMPANY	0	5	4
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
RCA CORP.	0	3	2
SAFEWAY STORES, INC.	0	3	3
SANTA FE INDUSTRIES, INC.	0	3	2
SFABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	9	5
SECURITY PACIFIC CORP.	0	1	1
SHELL OIL COMPANY	1	3	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	2	2
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	1	0	0
STANDARD OIL COMPANY OF INDIANA	0	4	3
TEXACO, INC.	0	3	2
TRANS WORLD AIRLINES, INC.	1	0	0
UAL, INC.	0	4	1
UNION CARBIDE CORPORATION	0	3	2
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	2	7	5
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2
TOTALS FOR 80 INTERLOCKED COMPANIES	15	321	224

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
CBS, INC.			
AETNA LIFE AND CASUALTY COMPANY	0	2	2
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	3	2
AMERICAN ELECTRIC POWER COMPANY, INC.	1	2	2
AMERICAN EXPRESS COMPANY	0	4	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	4	3
ATLANTIC RICHFIELD COMPANY	1	4	2
BANKAMERICA CORPORATION	0	2	1
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	2	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHARTER NEW YORK CORP.	0	2	1
CHASE MANHATTAN CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	13	6

CHRYSLER CORPORATION	0	3	2
CITICORP	1	9	5
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	6	2
CONTINENTAL CORPORATION, THE	0	1	1
CROCKER NATIONAL CORPORATION	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	1	1	1
EASTMAN KODAK COMPANY	0	7	4
EQUITABLE LIFE ASSURANCE	0	3	3
EXXON CORPORATION	0	2	1
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	4	2
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	3	2
GENERAL MOTORS CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	2	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	8	4
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KROGER COMPANY, THE	0	2	2
MANUFACTURERS HANOVER CORPORATION	0	11	4
MARINE MIDLAND BANKS, INC.	0	4	3
METROPOLITAN LIFE INSURANCE COMPANY	0	4	4
MIDDLE SOUTH UTILITIES, INC.	0	2	1
MORIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	4	3
NEW YORK LIFE INSURANCE COMPANY	2	7	5
PAN AMERICAN WORLD AIRWAYS, INC.	2	2	2
PENNEY, J. C., CO., INC.	0	2	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	2	2
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	1	1
SECURITY PACIFIC CORP.	0	5	3
SOUTHERN PACIFIC COMPANY	0	5	2
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UNION CARBIDE CORPORATION	0	3	2
UNION PACIFIC CORPORATION	2	3	2
UNITED STATES STEEL CORPORATION	0	1	1
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANK CORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	0	2	1
WESTINGHOUSE ELECTRIC CORPORATION	0	4	3
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 65 INTERLOCKED COMPANIES	10	182	118

CHAPTER NEW YORK CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	5	3
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	3	2
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
ATLANTIC RICHFIELD COMPANY	0	3	3
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP.	0	5	3
BETHLEHEM STEEL CORPORATION	0	1	1
CATERPILLAR TRACTOR COMPANY	0	3	2
CBS, INC.	0	2	1
CHASE MANHATTAN CORP.	0	6	7
CHEMICAL NEW YORK CORPORATION	0	5	3
CHRYSLER CORPORATION	0	3	3
CITICORP	0	11	9
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	3	3
CONTINENTAL CORPORATION, THE	0	7	3
CONTINENTAL ILLINOIS CORPORATION	0	4	2
CONTINENTAL OIL COMPANY	0	2	1
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	1	1
EASTMAN KODAK COMPANY	0	5	4
EQUITABLE LIFE ASSURANCE	0	3	2
EXXON CORPORATION	0	4	4
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	2	2
FIRST NATIONAL BOSTON CORP.	0	2	1
GENERAL ELECTRIC COMPANY	0	2	2
GENERAL MOTORS CORP.	0	7	5
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	3	0	0
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	2	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	2
INTERNATIONAL HARVESTER COMPANY	0	3	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
INVESTORS DIVERSIFIED SERVICES, INC.	0	2	1

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	1
KRESGE, S. S., COMPANY	0	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	2	2
MARINE MIDLAND BANKS, INC.	0	4	3
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	3	3
METROPOLITAN LIFE INSURANCE COMPANY	1	6	5
MISSOURI PACIFIC CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	6	6
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHEAST UTILITIES	1	2	2
NORTHWEST AIRLINES, INC.	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	4	3
PACIFIC GAS AND ELECTRIC COMPANY	0	3	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PENNEY, J. C., CO., INC.	0	1	1
PHILLIPS PETROLEUM COMPANY	0	2	2
PROCTER AND GAMBLE COMPANY	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	8	6
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	6	1
RCA CORP.	1	9	4
SAFeway STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	3	2
SEARS, ROEBUCK AND CO.	0	2	2
SECURITY PACIFIC CORP.	0	3	3
SHELL OIL COMPANY	1	0	0
SOUTHERN PACIFIC COMPANY	0	1	1
TRAVELERS INSURANCE COMPANY	0	4	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	3	2
UNION PACIFIC CORPORATION	1	4	3
UNITED STATES STEEL CORPORATION	1	5	2
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	1	6	4
WOOLWORTH, F. W., CO.	2	2	2
TOTALS FOR 78 INTERLOCKED COMPANIES	12	225	158

CHASE MANHATTAN CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	3	2
AMERICAN AIR LINES, INC.	0	6	4
AMERICAN BROADCASTING COMPANIES	0	5	4
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	1	8	5
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	22	12
ATLANTIC RICHFIELD COMPANY	0	3	3
BANKAMERICA CORPORATION	0	2	1
BANKERS TRUST NEW YORK CORP	0	7	4
BETHLEHEM STEEL CORPORATION	0	4	3
BURLINGTON NORTHERN, INC.	0	3	2
CATERPILLAR TRACTOR COMPANY	0	10	8
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	9	7
CHEMICAL NEW YORK CORPORATION	0	16	12
CHRYSLER CORPORATION	2	6	5
CITICORP	0	18	12
COMMONWEALTH EDISON	0	4	3
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	0	6	4
CONSUMERS POWER COMPANY	0	3	2
CONTINENTAL CORPORATION, THE	2	13	9
CONTINENTAL ILLINOIS CORPORATION	0	6	4
CONTINENTAL OIL COMPANY	0	4	4
CROCKER NATIONAL CORPORATION	0	2	2
DETROIT EDISON COMPANY	0	5	2
DUKE POWER CO	0	2	2
DUPONT, E. I., DE NEMOURS AND CO.	0	3	2
EASTMAN KODAK COMPANY	0	8	4
EQUITABLE LIFE ASSURANCE	1	3	3
EXXON CORPORATION	1	2	2
FEDERATED DEPARTMENT STORES, INC.	1	12	8
FIRST BANK SYSTEM, INC.	0	9	6
FIRST CHICAGO CORPORATION	0	10	7
FIRST NATIONAL BOSTON CORP.	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	5	5
GENERAL ELECTRIC COMPANY	1	8	6
GENERAL MOTORS CORP.	2	6	4
GOODYEAR TIRE AND RUBBER COMPANY	0	3	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	4	4
INTERNATIONAL BUSINESS MACHINES CORP.	1	7	7
INTERNATIONAL HARVESTER COMPANY	0	5	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	7	5
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	4	3
KRESGE, S. S., COMPANY	0	7	5
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	27	13
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	2	2
MELLON NATIONAL CORPORATION	0	5	4
METROPOLITAN LIFE INSURANCE COMPANY	1	16	11
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MOBIL CORPORATION	0	7	5

MORGAN, J. P., AND CO., INC.	0	17	9
NATIONAL DETROIT CORPORATION	0	10	4
NEW YORK LIFE INSURANCE COMPANY	0	9	6
NORFOLK AND WESTERN RAILWAY COMPANY	0	6	4
NORTHWEST AIRLINES, INC.	1	6	6
NORTHWEST BANCORPORATION	0	3	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	5	3
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	4	3
PENNEY, J. C., CO., INC.	0	7	5
PHILLIPS PETROLEUM COMPANY	0	3	3
PROCTER AND GAMBLE COMPANY	0	6	5
PRUDENTIAL INSURANCE CO. OF AMERICA	0	10	6
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	8	2
RCA CORP.	0	8	5
SAFEGWAY STORES, INC.	0	2	2
SANTA FE INDUSTRIES, INC.	0	2	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	2
SEARS, ROEBUCK AND CO.	1	3	3
SECURITY PACIFIC CORP.	0	2	2
SHELL OIL COMPANY	0	2	2
SOUTHERN PACIFIC COMPANY	0	6	5
SOUTHERN RAILWAY COMPANY	0	10	6
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
STANDARD OIL COMPANY OF INDIANA	1	0	0
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	4	3
TRAVELERS INSURANCE COMPANY	0	2	1
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	1	14	8
UNION PACIFIC CORPORATION	0	2	2
UNITED STATES STEEL CORPORATION	1	15	11
WELLS FARGO AND COMPANY	0	4	3
WESTERN ELECTRIC CO., INC.	0	2	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 89 INTERLOCKED COMPANIES	18	517	360

CHEMICAL NEW YORK CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	5	4
AMERICAN AIR LINES, INC.	0	2	2
AMERICAN BROADCASTING COMPANIES	0	4	3
AMERICAN ELECTRIC POWER COMPANY, INC.	0	4	3
AMERICAN EXPRESS COMPANY	2	20	15
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	2	11	9
ATLANTIC RICHFIELD COMPANY	1	10	9
BANKAMERICA CORPORATION	0	2	2
BANKERS TRUST NEW YORK CORP	0	24	16
BETHLEHEM STEEL CORPORATION	0	4	3
BRANIFF INTERNATIONAL CORPORATION	0	3	2
BURLINGTON NORTHERN, INC.	0	2	1
CATERPILLAR TRACTOR COMPANY	1	14	10
CBS, INC.	0	13	6
CHARTER NEW YORK CORP.	0	5	3
CHASE MANHATTAN CORP.	0	16	12
CHRYSLER CORPORATION	0	6	4
CITICORP	0	24	16
COMMONWEALTH EDISON	0	8	6
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	5	4
CONSOLIDATED EDISON CO OF NEW YORK	2	11	4
CONSUMERS POWER COMPANY	0	3	2
CONTINENTAL CORPORATION, THF	0	11	6
CONTINENTAL ILLINOIS CORPORATION	0	13	9
CONTINENTAL OIL COMPANY	0	9	6
CROCKER NATIONAL CORPORATION	0	7	5
DETROIT EDISON COMPANY	0	1	1
DUKE POWER CO	0	3	3
DUPONT, E. I., DE NEMOURS AND CO.	1	5	2
EASTERN AIRLINES, INC.	0	3	3
EASTMAN KODAK COMPANY	0	5	4
EQUITABLE LIFE ASSURANCE	0	10	6
EXXON CORPORATION	1	6	4
FEDERATED DEPARTMENT STORES, INC.	0	8	6
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	15	9
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	3	2
GENERAL ELECTRIC COMPANY	1	7	5
GENERAL MOTORS CORP.	0	14	7
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	6	5
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	5	4
GREAT WESTERN FINANCIAL CORPORATION	0	1	1
GULF OIL CORPORATION	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	2	17	14
INTERNATIONAL HARVESTER COMPANY	0	4	4
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	5	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	3	2
KRESGE, S. S., COMPANY	0	4	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	32	17
MAPINE MIDLAND BANKS, INC.	0	5	5
MELLON NATIONAL CORPORATION	0	5	4

MERRILL LYNCH AND COMPANY, INC.	0	2	2
METROPOLITAN LIFE INSURANCE COMPANY	2	12	9
MOBIL CORPORATION	1	15	8
MORGAN, J. P., AND CO., INC.	0	15	9
NATIONAL DETROIT CORPORATION	0	6	4
NEW YORK LIFE INSURANCE COMPANY	2	18	8
NORTHWEST AIRLINES, INC.	0	4	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	5	4
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	13	6
PENNEY, J. C., CO., INC.	0	9	6
PHILADELPHIA ELECTRIC COMPANY	0	1	1
PHILLIPS PETROLEUM COMPANY	0	3	2
PROCTER AND GAMBLE COMPANY	0	7	5
PRUDENTIAL INSURANCE CO. OF AMERICA	0	9	7
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	4	2
PUTNAM MANAGEMENT COMPANY, INC. (THE)	0	2	1
RCA CORP.	0	6	5
SAFEWAY STORES, INC.	0	4	3
SEABOARD COAST LINE INDUSTRIES, INC.	1	5	4
SEARS, ROEBUCK AND CO.	1	20	5
SECURITY PACIFIC CORP.	0	3	3
SHELL OIL COMPANY	0	4	3
SOUTHERN CALIFORNIA EDISON COMPANY	0	3	2
SOUTHERN COMPANY	0	4	2
SOUTHERN PACIFIC COMPANY	0	10	5
SOUTHERN RAILWAY COMPANY	0	2	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
STANDARD OIL COMPANY OF INDIANA	1	2	2
TEXACO, INC.	0	6	4
TRANS WORLD AIRLINES, INC.	0	6	4
TRAVELERS INSURANCE COMPANY	0	1	1
UAL, INC.	0	5	3
UNION CARBIDE CORPORATION	0	13	6
UNION PACIFIC CORPORATION	0	11	6
UNITED STATES STEEL CORPORATION	1	21	12
WELLS FARGO AND COMPANY	0	2	2
WESTERN BANCORPORATION	0	3	2
WESTERN ELECTRIC CO., INC.	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	1	4	4
WOOLWORTH, F. W., CO.	0	5	2

TOTALS FOR 96 INTERLOCKED COMPANIES	23	681	445
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CHESSIE SYSTEM, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN STORES COMPANY	0	1	1
BANKERS TRUST NEW YORK CORP	0	1	1
EQUITABLE LIFE ASSURANCE	0	2	1
FEDERATED DEPARTMENT STORES, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	1	1
PRICE (T. ROWE) ASSOCIATES, INC.	0	3	2
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SHELL OIL COMPANY	0	1	1
VEPCO	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
TOTALS FOR 13 INTERLOCKED COMPANIES	0	17	14

CHRYSLER CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	5	3
AMERICAN BROADCASTING COMPANIES	0	2	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	14	7
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	9	7
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	1	0	0
BANKERS TRUST NEW YORK CORP	0	5	4
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	5	5
CBS, INC.	0	3	2
CHARTER NEW YORK CORP.	0	3	3
CHASE MANHATTAN CORP.	2	6	5
CHEMICAL NEW YORK CORPORATION	0	6	4
CITICORP	0	8	7
CONNECTICUT GENEPAL LIFE INSURANCE COMPANY	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	0	7	5
CONSOLIDATED FREIGHTWAYS, INC.	0	2	2
CONSUMERS POWER COMPANY	1	6	2
CONTINENTAL CORPORATION, THE	1	15	5
CONTINENTAL ILLINOIS CORPORATION	0	4	4
CONTINENTAL OIL COMPANY	0	5	4
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	14	5
DUPONT, E. I., DE NEMOURS AND CO.	0	5	5
EASTERN AIRLINES, INC.	0	4	3
EQUITABLE LIFE ASSURANCE	0	4	3
EXXON CORPORATION	0	3	2
FEDERATED DEPARTMENT STORES, INC.	1	4	3
FIRST CHICAGO CORPORATION	0	2	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	3	3

GENERAL ELECTRIC COMPANY	0	8	6
GENERAL MOTORS CORP.	0	12	5
GOODYEAR TIRE AND RUBBER COMPANY	0	3	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	7	6
INTERNATIONAL HARVESTER COMPANY	0	2	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	1	3	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	4	3
KRESGE, S. S., COMPANY	1	13	7
MANUFACTURERS HANOVER CORPORATION	2	10	7
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	7	5
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MOBIL CORPORATION	0	5	4
MORGAN, J. P., AND CO., INC.	0	6	6
NATIONAL DETROIT CORPORATION	2	15	7
NEW YORK LIFE INSURANCE COMPANY	1	8	4
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	5	4
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	3	3
PENNEY, J. C., CO., INC.	0	7	5
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	4	4
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	1
RCA CORP.	0	3	2
SAFEWAY STORES, INC.	0	3	3
SEARS, ROEBUCK AND CO.	0	4	2
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	2
SOUTHERN PACIFIC COMPANY	0	7	5
SOUTHERN RAILWAY COMPANY	1	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	2	2
STANDARD OIL COMPANY OF INDIANA	0	2	1
TENNECO, INC.	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	2	2
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	1	11	7
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	2	2
UNITED STATES STEEL CORPORATION	0	11	8
WELLS FARGO AND COMPANY	0	3	2
WESTERN BANCORPORATION	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	5	2
TOTALS FOR 79 INTERLOCKED COMPANIES	16	353	245

CITICORP	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AFTNA LIFE AND CASUALTY COMPANY	1	8	5
AMERICAN AIR LINES, INC.	0	9	6
AMERICAN BROADCASTING COMPANIES	1	4	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	16	10
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	20	12
ATLANTIC RICHFIELD COMPANY	0	7	7
BANKAMERICA CORPORATION	0	3	2
BANKERS TRUST NEW YORK CORP	0	14	9
BETHLEHEM STEEL CORPORATION	1	5	3
BRANIFF INTERNATIONAL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	4	3
CATERPILLAR TRACTOR COMPANY	0	11	7
CBS, INC.	1	9	5
CHARTER NEW YORK CORP.	0	11	9
CHASE MANHATTAN CORP.	0	18	12
CHEMICAL NEW YORK CORPORATION	0	24	16
CHRYSLER CORPORATION	0	8	7
COMMONWEALTH EDISON	0	7	4
CONSOLIDATED EDISON CO OF NEW YORK	0	8	7
CONTINENTAL CORPORATION, THE	0	4	3
CONTINENTAL ILLINOIS CORPORATION	0	8	7
CONTINENTAL OIL COMPANY	0	12	8
CPOCKER NATIONAL CORPORATION	0	5	5
DETROIT EDISON COMPANY	0	4	1
DUKE POWER CO	0	3	2
DUPONT, E. I., DE NEMOURS AND CO.	1	6	4
EASTERN AIRLINES, INC.	0	13	6
EASTMAN KODAK COMPANY	1	15	11
EQUITABLE LIFE ASSURANCE	1	7	5
EXXON CORPORATION	2	5	5
FEDERATED DEPARTMENT STORES, INC.	0	3	3
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	10	5
FIRST NATIONAL BOSTON CORP.	0	1	3
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	1	2	2
GENERAL ELECTRIC COMPANY	1	11	8
GENERAL MOTORS CORP.	2	10	9
GENERAL PUBLIC UTILITIES CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	12	6
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	6	6
GULF OIL CORPORATION	0	1	1

INTERNATIONAL BUSINESS MACHINES CORP.	2	10	9
INTERNATIONAL HARVESTER COMPANY	0	5	5
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	3	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	4	4
KRESGE, S. S., COMPANY	0	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	26	15
MARINE MIDLAND BANKS, INC.	0	10	4
MELLON NATIONAL CORPORATION	0	13	9
METROPOLITAN LIFE INSURANCE COMPANY	1	22	15
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	1	8	7
MORGAN, J. P., AND CO., INC.	0	30	19
NATIONAL DETROIT CORPORATION	0	5	2
NEW YORK LIFE INSURANCE COMPANY	1	7	4
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	1
NORTHEAST UTILITIES	0	4	2
NORTHWEST AIRLINES, INC.	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	11	7
PACIFIC GAS AND ELECTRIC COMPANY	0	4	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	10	5
PENNEY, J. C., CO., INC.	2	9	7
PHILLIPS PETROLEUM COMPANY	0	2	2
PROCTER AND GAMBLE COMPANY	1	9	7
PRUDENTIAL INSURANCE CO. OF AMERICA	0	14	10
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	1	1
RCA CORP.	1	9	5
SAFeway STORES, INC.	0	4	3
SANTA FE INDUSTRIES, INC.	0	4	3
SEABOARD COAST LINE INDUSTRIES, INC.	0	4	1
SEARS, ROEBUCK AND CO.	1	4	4
SECURITY PACIFIC CORP.	0	5	4
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	1	9	6
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	2	3	2
STANDARD OIL COMPANY OF INDIANA	0	1	1
TENNECO, INC.	0	1	1
TEXACO, INC.	0	2	2
TRANS WORLD AIRLINES, INC.	0	6	4
TRANSAMERICA CORPORATION	0	5	2
TRAVELERS INSURANCE COMPANY	0	8	1
UAL, INC.	0	5	4
UNION CARBIDE CORPORATION	0	7	5
UNION PACIFIC CORPORATION	2	6	5
UNITED STATES STEEL CORPORATION	1	20	16
WELLS FARGO AND COMPANY	0	4	4
WESTERN BANCORPORATION	0	6	4
WESTERN ELECTRIC CO., INC.	0	7	5
WESTINGHOUSE ELECTRIC CORPORATION	1	7	6
WOOLWORTH, F. W., CO.	0	1	1

TOTALS FOR 97 INTERLOCKED COMPANIES

31	685	474
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COLUMBIA GAS SYSTEM	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
BANKERS TRUST NEW YORK CORP	0	1	1
CONSUMERS POWER COMPANY	0	1	1
EASTMAN KODAK COMPANY	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	1	0	0
MELLON NATIONAL CORPORATION	0	2	1
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHEAST UTILITIES	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 12 INTERLOCKED COMPANIES	1	12	11

COMMONWEALTH EDISON	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	2	1
AMERICAN BROADCASTING COMPANIES	0	3	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
ATLANTIC RICHFIELD COMPANY	0	14	3
BANKAMERICA CORPORATION	0	2	2
BETHLEHEM STEEL CORPORATION	1	4	4
BURLINGTON NORTHERN, INC.	0	7	3
CATERPILLAR TRACTOR COMPANY	0	8	1
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	4	3
CHEMICAL NEW YORK CORPORATION	0	8	6
CITICORP	0	7	4
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONTINENTAL ILLINOIS CORPORATION	2	13	9
CONTINENTAL OIL COMPANY	0	2	1
CROCKER NATIONAL CORPORATION	0	4	3
DETROIT EDISON COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTERN AIRLINES, INC.	1	4	2

EASTMAN KODAK COMPANY	0	5	4
EXXON CORPORATION	0	1	1
FIRST BANK SYSTEM, INC.	0	5	2
FIRST CHICAGO CORPORATION	4	16	8
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	8	3
GENERAL MOTORS CORP.	0	10	5
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	3	2
INTERNATIONAL HARVESTER COMPANY	1	22	4
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	2	1
MARINE MIDLAND BANKS, INC.	0	2	1
MELLON NATIONAL CORPORATION	0	2	2
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	9	5
MOBIL CORPORATION	0	3	1
MORGAN, J. P., AND CO., INC.	0	5	3
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	2	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
PUTNAM MANAGEMENT COMPANY, INC. (THE)	0	2	1
RCA CORP.	0	1	1
SANTA FE INDUSTRIES, INC.	0	7	4
SEARS, ROEBUCK AND CO.	2	26	5
STANDARD OIL COMPANY OF INDIANA	1	12	4
TRANS WORLD AIRLINES, INC.	0	3	2
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	0	10	3
UNION CARBIDE CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	4	3
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	3	2
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TOTALS FOR 62 INTERLOCKED COMPANIES	13	273	138

CONNECTICUT GENERAL LIFE INSURANCE COMPANY

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	11	4
AMERICAN EXPRESS COMPANY	1	9	5
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	5	5
BANKERS TRUST NEW YORK CORP	0	4	3
CATERPILLAR TRACTOR COMPANY	0	4	3
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	5	4
CHRYSLER CORPORATION	0	2	2
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL OIL COMPANY	0	4	3
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EQUITABLE LIFE ASSURANCE	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	3	2
FIRST NATIONAL BOSTON CORP.	0	2	2
GENERAL ELECTRIC COMPANY	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	4
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	5	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
LOEWS CORPORATION	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	2	2
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MOBIL CORPORATION	0	7	5
NORTHEAST UTILITIES	0	3	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PENNEY, J. C., CO., INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	1	1
SHELL OIL COMPANY	0	1	1
TEXACO, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	0	13	4
UNION CARBIDE CORPORATION	0	3	2
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	2	2
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TOTALS FOR 33 INTERLOCKED COMPANIES	1	105	73

CONSOLIDATED EDISON CO OF NEW YORK

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	4	3
AMERICAN BROADCASTING COMPANIES	0	3	3
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	1
AMERICAN EXPRESS COMPANY	0	8	5
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	9	5
ATLANTIC RICHFIELD COMPANY	0	6	4
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	3	2
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	4	3
CATERPILLAR TRACTOR COMPANY	0	4	3

CBS, INC.	0	6	2
CHARTER NEW YORK CORP.	0	3	3
CHASE MANHATTAN CORP.	0	6	4
CHEMICAL NEW YORK CORPORATION	2	11	4
CHRYSLER CORPORATION	0	7	5
CITICORP	0	8	7
COMMONWEALTH EDISON	0	1	1
CONTINENTAL CORPORATION, THE	1	6	2
CONTINENTAL OIL COMPANY	0	3	3
CROCKER NATIONAL CORPORATION	0	3	2
DUPONT, E. I., DE NEMOURS AND CO.	0	3	2
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	1	2	2
EXXON CORPORATION	0	4	3
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST CHICAGO CORPORATION	0	4	3
FIRST NATIONAL BOSTON CORP.	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	2	2
FORD MOTOR CO.	1	3	3
GENERAL ELECTRIC COMPANY	0	4	3
GENERAL MOTORS CORP.	0	3	2
GOODYEAR TIRE AND RUBBER COMPANY	0	5	5
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	10	6
INTERNATIONAL HAPVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	1	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
MANUFACTURERS HANOVER CORPORATION	1	16	6
MARINE MIDLAND BANKS, INC.	0	3	3
MELLON NATIONAL CORPORATION	0	2	2
METROPOLITAN LIFE INSURANCE COMPANY	1	6	3
MIDDLE SOUTH UTILITIES, INC.	0	2	2
MOBIL CORPORATION	0	4	3
MORGAN, J. P., AND CO., INC.	0	8	7
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	2	13	5
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	4	4
PAN AMERICAN WORLD AIRWAYS, INC.	0	5	3
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	2	2
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	4	2
RCA CORP.	0	1	1
SAFEWAY STORES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	4	2
SEARS, ROEBUCK AND CO.	0	3	2
SECURITY PACIFIC CORP.	0	1	1
SOUTHERN PACIFIC COMPANY	1	4	2
SOUTHERN RAILWAY COMPANY	0	3	3
STANDARD OIL COMPANY OF INDIANA	0	2	1
TENNECO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	4	3
UAL, INC.	1	0	0
UNION CARBIDE CORPORATION	0	9	5
UNION PACIFIC CORPORATION	0	7	5
UNITED STATES STEEL CORPORATION	0	6	5
WELLS FARGO AND COMPANY	0	3	3
WESTERN BANCORPORATION	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	7	4
WOOLWORTH, F. W., CO.	0	4	3
TOTALS FOR 74 INTERLOCKED COMPANIES	12	285	196

CONSOLIDATED FREIGHTWAYS, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN EXPRESS COMPANY	0	1	1
BANKAMERICA CORPORATION	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHRYSLER CORPORATION	0	2	2
CONTINENTAL OIL COMPANY	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	5	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PHILADELPHIA ELECTRIC COMPANY	0	1	1
RCA CORP.	0	1	1
SAFEWAY STORES, INC.	1	3	2
SECURITY PACIFIC CORP.	0	1	1
SHELL OIL COMPANY	0	3	3
SOUTHERN PACIFIC COMPANY	0	1	1
TENNECO, INC.	0	1	1
UNION PACIFIC CORPORATION	0	3	1
UNITED STATES STEEL CORPORATION	0	1	1
WELLS FARGO AND COMPANY	0	2	1
WESTERN ELECTRIC CO., INC.	0	1	1
TOTALS FOR 20 INTERLOCKED COMPANIES	1	32	26
CONSUMERS POWER COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	3	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	3	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	3	3

BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	1	1	1
CHASE MANHATTAN CORP.	0	3	2
CHEMICAL NEW YORK CORPORATION	0	3	2
CHRYSLER CORPORATION	1	6	2
COLUMBIA GAS SYSTEM	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	2	2
CONTINENTAL OIL COMPANY	0	1	1
DETROIT EDISON COMPANY	0	14	2
EQUITABLE LIFE ASSURANCE	0	2	1
FEDEPATED DEPARTMENT STORES, INC.	0	1	1
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHARTER FINANCIAL CORP.	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL MOTORS CORP.	0	7	2
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
KPESGE, S. S., COMPANY	2	13	2
MANUFACTURERS HANOVER CORPORATION	0	3	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
MOBIL CORPORATION	0	2	1
NATIONAL DETROIT CORPORATION	3	0	4
NEW YORK LIFE INSURANCE COMPANY	0	2	2
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	1	0	4
PENNEY, J. C., CO., INC.	0	2	1
PHILLIPS PETROLEUM COMPANY	0	2	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
SANTA FE INDUSTRIES, INC.	0	2	1
SHELL OIL COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UNION CARBIDE CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 46 INTERLOCKED COMPANIES	8	117	67

CONTINENTAL CORPORATION, THE	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	3	3
AMERICAN AIR LINES, INC.	0	7	4
AMERICAN BROADCASTING COMPANIES	0	0	3
AMERICAN EXPRESS COMPANY	0	13	6
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	12	5
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	4	4
BETHLEHEM STEEL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	2	2
CATERPILLAR TRACTOR COMPANY	0	0	0
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	7	2
CHASE MANHATTAN CORP.	2	13	4
CHEMICAL NEW YORK CORPORATION	0	11	4
CHRYSLER CORPORATION	1	15	5
CITICORP	0	4	3
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	1	6	2
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	2	2
CONTINENTAL OIL COMPANY	0	2	2
CROCKER NATIONAL CORPORATION	3	1	1
DETROIT EDISON COMPANY	0	1	1
DUPONT, E. I., DE SEWINGS AND CO.	0	3	3
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	3	2
EXXON CORPORATION	0	3	2
FEDEPATED DEPARTMENT STORES, INC.	1	8	5
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHARTER FINANCIAL CORP.	0	1	1
FIRST CHICAGO CORPORATION	0	3	2
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	3	5
GENERAL ELECTRIC COMPANY	0	12	5
GENERAL MOTORS CORP.	0	13	6
GOODYEAR TIRE AND RUBBER COMPANY	0	6	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	4
INTERNATIONAL HARVESTER COMPANY	0	2	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	6	6
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	6	5
KPESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	4	12	10
MARINE MIDLAND BANKS, INC.	0	6	5
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MERRILL LYNCH AND COMPANY, INC.	0	1	1

METROPOLITAN LIFE INSURANCE COMPANY	0	14	8
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	3	2
MORGAN, J. P., AND CO., INC.	1	4	3
NATIONAL DETROIT CORPORATION	0	3	2
NEW YORK LIFE INSURANCE COMPANY	0	20	6
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PENNEY, J. C., CO., INC.	0	7	4
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	15	8
PUBLIC SERVICE ELECTRIC AND GAS CO.	3	7	4
RCA CORP.	0	6	2
SAFeway STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	2	2
SEABOARD COAST LINE INDUSTRIES, INC.	0	3	3
SEARS, ROEBUCK AND CO.	0	9	5
SECURITY PACIFIC CORP.	0	1	1
SHELL OIL COMPANY	0	2	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	6	3
SOUTHERN RAILWAY COMPANY	1	3	3
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	2	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	1	1	1
TRAVELERS INSURANCE COMPANY	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	2	11	5
UNION PACIFIC CORPORATION	0	3	3
UNITED STATES STEEL CORPORATION	0	17	9
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	3	3
WESTERN ELECTRIC CO., INC.	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	0	11	4
WOOLWORTH, F. W., CO.	0	2	2
TOTALS FOR 87 INTERLOCKED COMPANIES	18	399	252

CONTINENTAL ILLINOIS CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	3	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	0	0
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	0	3	2
BANKERS TRUST NEW YORK CORP.	0	4	4
BETHLEHEM STEEL CORPORATION	1	3	2
BURLINGTON NORTHERN, INC.	0	4	3
CATERPILLAR TRACTOR COMPANY	0	6	6
CHAPTER NEW YORK CORP.	0	4	2
CHASE MANHATTAN CORP.	0	6	4
CHEMICAL NEW YORK CORPORATION	0	13	9
CHRYSLER CORPORATION	0	4	4
CITICORP	0	8	7
COMMONWEALTH EDISON	2	13	9
CONSUMERS POWER COMPANY	0	2	2
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL OIL COMPANY	1	1	1
CROCKER NATIONAL CORPORATION	0	2	2
DUPONT, E. I., DE NEMOURS AND CO.	0	7	5
EASTERN AIRLINES, INC.	0	2	1
EASTMAN KODAK COMPANY	1	7	5
EQUITABLE LIFE ASSURANCE	0	3	2
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST BANK SYSTEM, INC.	0	3	2
FIRST CHARTER FINANCIAL CORP.	0	1	1
FIRST CHICAGO CORPORATION	0	42	18
GENERAL ELECTRIC COMPANY	0	6	4
GENERAL MOTORS CORP.	0	5	3
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	1	2	2
INTERNATIONAL HARVESTER COMPANY	2	11	8
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	2	1
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	4	3
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	2	1
METROPOLITAN LIFE INSURANCE COMPANY	0	10	7
MOBIL CORPORATION	0	3	3
MORGAN, J. P., AND CO., INC.	0	6	5
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWEST BANCORPORATION	0	5	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	6	4

PAN AMERICAN WORLD AIRWAYS, INC.	0	2	1
PENNEY, J. C., CO., INC.	0	4	3
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
PUTNAM MANAGEMENT COMPANY, INC. (THE)	0	1	1
RCA CORP.	0	1	1
SANTA FE INDUSTRIES, INC.	0	3	2
SEARS, ROEBUCK AND CO.	1	25	7
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	1	1
TEXACO, INC.	3	3	3
TRANS WORLD AIRLINES, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	1	4	3
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	5	4
UNITED STATES STEEL CORPORATION	0	1	1
WESTERN BANK CORPORATION	0	5	4
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	3	2
	0	1	1
TOTALS FOR 75 INTERLOCKED COMPANIES	14	295	204

CONTINENTAL OIL COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	2	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	1
AMERICAN EXPRESS COMPANY	1	15	7
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	7	6
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	3	3
BANKERS TRUST NEW YORK CORP.	1	6	5
BETHLEHEM STEEL CORPORATION	0	2	2
BURLINGTON NORTHEASTERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	6	5
CHARTER NEW YORK CORP.	0	3	1
CHASE MANHATTAN CORP.	0	4	4
CHEMICAL NEW YORK CORPORATION	0	9	6
CHRYSLER CORPORATION	0	5	4
CITICORP	0	12	8
COMMONWEALTH EDISON	0	2	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	4	3
CONSOLIDATED EDISON CO OF NEW YORK	0	3	3
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL ILLINOIS CORPORATION	1	1	1
CROCKER NATIONAL CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	1	4	4
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	1	2	2
EXXON CORPORATION	0	2	2
FEDERATED DEPARTMENT STORES, INC.	0	4	3
FIRST CHICAGO CORPORATION	0	5	3
FORD MOTOR CO.	0	5	4
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	4	2
GENERAL TELEPHONE AND ELECTRONICS CORP.	1	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	1	8	8
INTERNATIONAL HARVESTING COMPANY	0	5	4
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KROGER COMPANY, THE	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	4	3
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	3	3
MISSOURI PACIFIC CORPORATION	0	2	1
MOBIL CORPORATION	0	13	9
MORGAN, J. P., AND CO., INC.	0	4	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	2
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	4	2
PENNEY, J. C., CO., INC.	0	7	4
PROCTER AND GAMBLE COMPANY	0	5	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
SEARS, ROEBUCK AND CO.	0	1	1
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	3	1
TEXACO, INC.	0	4	3
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	1	3	3
UNION CARBIDE CORPORATION	0	3	2
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	5	4

WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
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TOTALS FOR 72 INTERLOCKED COMPANIES	9	228	173

CROCKER NATIONAL CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	5	3
BANKAMERICA CORPORATION	0	5	3
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	7	5
CHRYSLER CORPORATION	0	1	1
CITICORP	0	5	5
COMMONWEALTH EDISON	0	4	3
CONSOLIDATED EDISON CO OF NEW YORK	0	3	2
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	2	2
CONTINENTAL OIL COMPANY	0	1	1
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	1	1
FIRST CHICAGO CORPORATION	0	4	3
FORD MOTOR CO.	0	2	1
GENERAL MOTORS CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	5	3
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	5	3
MORGAN, J. P., AND CO., INC.	0	4	4
NEW YORK LIFE INSURANCE COMPANY	1	2	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	1	9	4
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	1
PCA CORP.	0	1	1
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	1	13	3
SECURITY PACIFIC CORP.	0	3	1
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	3	1
SOUTHERN PACIFIC COMPANY	0	3	2
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	0	3	2
UNION OIL COMPANY OF CALIFORNIA	0	5	3
UNION PACIFIC CORPORATION	0	2	2
UNITED STATES STEEL CORPORATION	0	2	2
WELLS FARGO AND COMPANY	0	5	5
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
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TOTALS FOR 63 INTERLOCKED COMPANIES	4	149	107

DELTA AIR LINES CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN EXPRESS COMPANY	0	2	1
EQUITABLE LIFE ASSURANCE	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	3	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MIDDLE SOUTH UTILITIES, INC.	1	0	0
MORGAN, J. P., AND CO., INC.	0	3	2
TRAVELERS INSURANCE COMPANY	1	1	1
UNION PACIFIC CORPORATION	0	2	1
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TOTALS FOR 11 INTERLOCKED COMPANIES	2	16	12

DETROIT EDISON COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	1	4	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	4	1
BANKERS TRUST NEW YORK CORP	0	1	1

BETHELEHEM STEEL CORPORATION	0	3	2
BURLINGTON NORTHERN, INC.	0	2	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	5	2
CHEMICAL NEW YORK CORPORATION	0	1	1
CHRYSLER CORPORATION	0	14	5
CITICORP	0	4	1
COMMONWEALTH EDISON	0	1	1
CONSUMERS POWER COMPANY	0	14	2
CONTINENTAL CORPORATION, THE	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTMAN KODAK COMPANY	0	5	2
EQUITABLE LIFE ASSURANCE	0	3	2
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	2	1
FORD MOTOR CO.	0	5	2
GENERAL MOTORS CORP.	2	8	3
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
KRESGE, S. S., COMPANY	1	19	4
MANUFACTURERS HANOVER CORPORATION	0	1	1
MARINE MIDLAND BANKS, INC.	0	2	2
MELLON NATIONAL CORPORATION	0	3	2
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	4	1
MORGAN, J. P., AND CO., INC.	0	6	1
NATIONAL DETROIT CORPORATION	4	12	6
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	7	3
PROCTER AND GAMBLE COMPANY	0	3	2
PUTNAM MANAGEMENT COMPANY, INC. (THE)	0	2	1
SANTA FE INDUSTRIES, INC.	0	2	1
SEARS, ROEBUCK AND CO.	0	2	2
STANDARD OIL COMPANY OF INDIANA	0	1	1
UNITED STATES STEEL CORPORATION	0	7	4
TOTALS FOR 39 INTERLOCKED COMPANIES	8	157	69

DREYFUS CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
TOTALS FOR 0 INTERLOCKED COMPANIES	0	0	0

DUKE POWER CO	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	1	1
BRANIFF INTERNATIONAL CORPORATION	1	4	3
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	3	3
CITICORP	0	3	2
EXXON CORPORATION	0	1	1
GENERAL MOTORS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	2	2
NEW YORK LIFE INSURANCE COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	1
PROCTER AND GAMBLE COMPANY	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	1	3	3
SOUTHERN COMPANY	0	3	1
SOUTHERN PACIFIC COMPANY	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	1	1
TOTALS FOR 21 INTERLOCKED COMPANIES	2	36	30

DUPONT, E. I., DE NEMOURS AND CO.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	2
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	9	5
AMERICAN STORES COMPANY	1	0	0
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	6	6
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	1	0	0
BANKERS TRUST NEW YORK CORP	0	5	4
BETHELEHEM STEEL CORPORATION	1	5	3
BURLINGTON NORTHERN, INC.	0	2	2
CATERPILLAR TRACTOR COMPANY	0	4	3
CBS, INC.	0	1	1
CHASE MANHATTAN CORP.	0	3	2
CHEMICAL NEW YORK CORPORATION	1	5	2
CHRYSLER CORPORATION	0	5	5
CITICORP	1	6	4
COMMONWEALTH EDISON	0	2	2
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	3	2
CONTINENTAL CORPORATION, THE	0	3	3
CONTINENTAL ILLINOIS CORPORATION	0	7	5
CONTINENTAL OIL COMPANY	1	4	4
DETROIT EDISON COMPANY	0	1	1

EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	4	4
EQUITABLE LIFE ASSURANCE	0	3	3
EXXON CORPORATION	0	4	3
FEDERATED DEPARTMENT STORES, INC.	1	2	2
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	6	3
FIRST NATIONAL BOSTON CORP.	0	6	2
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	3	3
GENERAL ELECTRIC COMPANY	0	6	4
GENERAL MOTORS CORP.	0	8	4
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	2	5	4
INTERNATIONAL HARVESTER COMPANY	1	0	0
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	1	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	3	2
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	9	7
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	6	5
MORGAN, J. P., AND CO., INC.	1	4	2
NEW YORK LIFE INSURANCE COMPANY	0	4	3
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	5	2
PENNEY, J. C., CO., INC.	0	5	3
PHILADELPHIA ELECTRIC COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	5	5
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
RCA CORP.	0	2	2
SANTA FE INDUSTRIES, INC.	0	3	3
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	4	4
SECURITY PACIFIC CORP.	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	2
SOUTHERN PACIFIC COMPANY	0	3	2
SOUTHERN RAILWAY COMPANY	0	4	3
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
STANDARD OIL COMPANY OF INDIANA	0	3	3
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	1	1	1
UNION CARBIDE CORPORATION	0	3	3
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	6	4
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	0	3	3
TOTALS FOR 82 INTERLOCKED COMPANIES	14	239	189

EASTERN AIRLINES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	2	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	3	2
AMERICAN GENERAL CAPITAL MANAGEMENT, INC.	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	3	3
ATLANTIC RICHFIELD COMPANY	0	4	2
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	3	2
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	2	1
CBS, INC.	1	1	1
CHEMICAL NEW YORK CORPORATION	0	3	3
CHRYSLER CORPORATION	0	4	3
CITICORP	0	13	6
COMMONWEALTH EDISON	1	4	2
CONTINENTAL ILLINOIS CORPORATION	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	1	4	2
FIRST NATIONAL BOSTON CORP.	0	2	1
FLORIDA POWER AND LIGHT COMPANY	0	6	3
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	3	2
GENERAL MOTORS CORP.	0	3	3
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	2
INTERNATIONAL HARVESTER COMPANY	0	3	2

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	3	2
KRESGE, S. S., COMPANY	0	2	2
KROGER COMPANY, THE	1	0	0
MANUFACTURERS HANOVER CORPORATION	0	3	2
MARINE MIDLAND BANKS, INC.	0	5	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	8	7
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	2	2
MORGAN, J. P., AND CO., INC.	0	2	2
NEW YORK LIFE INSURANCE COMPANY	0	4	2
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	3	2
PENNEY, J. C., CO., INC.	0	3	3
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
SAFeway STORES, INC.	0	2	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	3	2
SEARS, ROEBUCK AND CO.	0	5	3
SOUTHERN COMPANY	0	5	2
SOUTHERN RAILWAY COMPANY	0	3	2
STANDARD OIL COMPANY OF INDIANA	0	2	2
TENNECO, INC.	0	3	2
TRANSAMERICA CORPORATION	0	2	1
UAL, INC.	0	2	1
UNION CARBIDE CORPORATION	0	1	1
UNION PACIFIC CORPORATION	0	3	2
WESTINGHOUSE ELECTRIC CORPORATION	0	2	1
TOTALS FOR 63 INTERLOCKED COMPANIES	4	160	113

EASTMAN KODAK COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	1	8	6
AMERICAN AIR LINES, INC.	0	5	4
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	12	7
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	3	2
BETHLEHEM STEEL CORPORATION	0	8	6
BURLINGTON NORTHERN, INC.	0	3	3
CATERPILLAR TRACTOR COMPANY	0	2	1
CBS, INC.	0	7	4
CHARTER NEW YORK CORP.	0	5	4
CHASE MANHATTAN CORP.	0	8	4
CHEMICAL NEW YORK CORPORATION	0	5	4
CITICORP	1	15	11
COLUMBIA GAS SYSTEM	0	1	1
COMMONWEALTH EDISON	0	5	4
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	1	7	5
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	5	2
DUPONT, E. I., DE NEMOURS AND CO.	0	4	4
EASTERN AIRLINES, INC.	0	2	2
EQUITABLE LIFE ASSURANCE	0	2	2
EXXON CORPORATION	0	4	3
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST BANK SYSTEM, INC.	0	2	2
FIRST CHICAGO CORPORATION	0	8	5
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	9	7
GENERAL MOTORS CORP.	2	7	4
GENERAL PUBLIC UTILITIES CORP.	0	2	2
GOODYEAR TIRE AND RUBBER COMPANY	0	6	4
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	3	3
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	7	6
INTERNATIONAL HARVESTER COMPANY	1	4	4
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KRESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	4	3
MARINE MIDLAND BANKS, INC.	1	2	2
MELLON NATIONAL CORPORATION	0	8	7
METROPOLITAN LIFE INSURANCE COMPANY	1	13	8
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	2	2
MORGAN, J. P., AND CO., INC.	1	10	6
NATIONAL DETROIT CORPORATION	0	4	1
NEW YORK LIFE INSURANCE COMPANY	0	4	4
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	1
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	2	2
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	4	3
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2

PENNEY, J. C., CO., INC.	1	4	3
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	8	7
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
RCA CORP.	0	8	7
SANTA FE INDUSTRIES, INC.	0	7	5
SEARS, ROEBUCK AND CO.	0	6	6
SOUTHERN PACIFIC COMPANY	0	2	2
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
STANDARD OIL COMPANY OF INDIANA	0	4	2
TRANS WORLD AIRLINES, INC.	0	2	2
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	0	4	3
UNION PACIFIC CORPORATION	0	5	4
UNITED STATES STEEL CORPORATION	1	11	6
WESTERN ELECTRIC CO., INC.	1	2	2
WESTINGHOUSE ELECTRIC CORPORATION	1	2	2
WOOLWORTH, F. W., CO.	0	2	1
TOTALS FOR 80 INTERLOCKED COMPANIES	13	317	242

EQUITABLE LIFE ASSURANCE	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	3	3
AMERICAN AIR LINES, INC.	2	1	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	1
AMERICAN EXPRESS COMPANY	0	8	5
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	7	6
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKERS TRUST NEW YORK CORP	0	6	5
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	1	2	2
CATERPILLAR TRACTOR COMPANY	0	3	3
CBS, INC.	0	3	3
CHARTER NEW YORK CORP.	0	3	2
CHASE MANHATTAN CORP.	1	3	3
CHEMICAL NEW YORK CORPORATION	0	10	6
CHESSIE SYSTEM, INC.	0	2	1
CHRYSLER CORPORATION	0	4	3
CITICORP	1	7	5
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	1	2	2
CONSUMERS POWER COMPANY	0	2	1
CONTINENTAL CORPORATION, THE	0	3	2
CONTINENTAL ILLINOIS CORPORATION	0	3	2
CONTINENTAL OIL COMPANY	1	2	2
CROCKER NATIONAL CORPORATION	0	1	1
DELTA AIR LINES CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	3	2
DUPONT, E. I., DE NEMOURS AND CO.	0	3	3
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	2	2
EXXON CORPORATION	1	3	2
FEDERATED DEPARTMENT STORES, INC.	0	4	4
FIRST BANK SYSTEM, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	3	3
FIRST NATIONAL BOSTON CORP.	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	3	3
FORD MOTOR CO.	1	5	5
GENERAL ELECTRIC COMPANY	0	9	8
GENERAL MOTORS CORP.	0	7	4
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	5	4
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	1	2	2
GULF OIL CORPORATION	0	2	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	8	7
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
INVESTORS DIVERSIFIED SERVICES, INC.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	4	3
KRESGE, S. S., COMPANY	0	5	2
MANUFACTURERS HANOVER CORPORATION	0	5	3
MARINE MIDLAND BANKS, INC.	0	5	3
MELLON NATIONAL CORPORATION	1	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	9	9
MIDDLE SOUTH UTILITIES, INC.	0	3	3
MOBIL CORPORATION	1	1	1
MORGAN, J. P., AND CO., INC.	0	8	7
NATIONAL DETROIT CORPORATION	0	6	3
NEW YORK LIFE INSURANCE COMPANY	0	6	4
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PENNEY, J. C., CO., INC.	0	4	3
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	5	5
PRUDENTIAL INSURANCE CO. OF AMERICA	0	5	4
RCA CORP.	0	2	2
SEARS, ROEBUCK AND CO.	0	5	4
SOUTHERN PACIFIC COMPANY	0	2	2

SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
STANDARD OIL COMPANY OF INDIANA	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	2	1
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	0	3	3
UNION PACIFIC CORPORATION	0	6	4
UNITED STATES STEEL CORPORATION	0	5	4
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	0	4	2
WESTINGHOUSE ELECTRIC CORPORATION	0	4	4
WOOLWORTH, F. W., CO.	1	0	0
TOTALS FOR 86 INTERLOCKED COMPANIES	13	271	217

EXXON CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	1	2	2
AMERICAN AIR LINES, INC.	0	2	1
AMERICAN BROADCASTING COMPANIES	0	3	2
AMERICAN EXPRESS COMPANY	0	6	4
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	8	6
ATLANTIC RICHFIELD COMPANY	0	4	4
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	3	2
BFANIFF INTERNATIONAL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	1	2	2
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	0	4	4
CHASE MANHATTAN CORP.	1	2	2
CHEMICAL NEW YORK CORPORATION	1	6	4
CHRYSLER CORPORATION	0	3	2
CITICORP	2	5	5
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONTINENTAL CORPORATION, THE	0	3	2
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	2	2
CROCKER NATIONAL CORPORATION	0	1	1
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	4	3
EASTMAN KODAK COMPANY	0	4	3
EQUITABLE LIFE ASSURANCE	1	3	2
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST CHICAGO CORPORATION	0	3	2
FORD MOTOR CO.	0	4	3
GENERAL ELECTRIC COMPANY	0	5	4
GENERAL MOTORS CORP.	0	15	9
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	5	4
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	11	6
TORN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	3	2
MELLON NATIONAL CORPORATION	0	4	4
METROPOLITAN LIFE INSURANCE COMPANY	1	8	6
MOBIL CORPORATION	0	6	5
MORGAN, J. P., AND CO., INC.	0	6	6
NEW YORK LIFE INSURANCE COMPANY	0	4	2
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	2
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	1
PENNEY, J. C., CO., INC.	0	7	3
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	1	5	4
PRUDENTIAL INSURANCE CO. OF AMERICA	1	0	0
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	2	1
PCA CORP.	0	3	2
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	5	4
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	2	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	6	3
STANDARD OIL COMPANY OF INDIANA	0	2	2
TENNECO, INC.	0	1	1
TEXACO, INC.	3	2	2
TRANS WORLD AIRLINES, INC.	0	3	3
TRAVELERS INSURANCE COMPANY	0	5	2
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	4	3
UNION PACIFIC CORPORATION	0	4	1
UNITED STATES STEEL CORPORATION	0	12	8
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	4	3
WOOLWORTH, F. W., CO.	0	3	3
TOTALS FOR 74 INTERLOCKED COMPANIES	11	248	184

FEDERATED DEPARTMENT STORES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	1
AMERICAN EXPRESS COMPANY	0	21	9
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	7	6
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	0	2	2
BANKERS TRUST NEW YORK CORP	0	7	5
BETHLEHEM STEEL CORPORATION	0	3	2
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	4	3
CHASE MANHATTAN CORP.	1	12	8
CHEMICAL NEW YORK CORPORATION	0	8	6
CHESSIE SYSTEM, INC.	0	2	1
CHRYSLER CORPORATION	1	4	3
CITICORP	0	3	3
COLUMBIA GAS SYSTEM	0	1	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	3	2
CONSOLIDATED EDISON CO OF NEW YORK	0	2	2
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	1	8	5
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	4	3
DUPONT, E. I., DE NEMOURS AND CO.	1	2	2
EASTERN AIRLINES, INC.	0	2	2
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	4	4
EXXON CORPORATION	0	2	2
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	2	2
FIRST NATIONAL BOSTON CORP.	0	15	4
FLORIDA POWER AND LIGHT COMPANY	0	2	1
FORD MOTOR CO.	0	3	2
GENERAL ELECTRIC COMPANY	1	7	5
GENERAL MOTORS CORP.	0	8	4
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	9	7
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	2	4	2
KFESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	1	11	9
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	1	0	0
MELLON NATIONAL CORPORATION	0	2	1
METROPOLITAN LIFE INSURANCE COMPANY	0	4	3
MIDDLE SOUTH UTILITIES, INC.	0	2	1
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	7	4
MORGAN, J. P., AND CO., INC.	1	7	5
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	7	5
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	3	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	1
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	3	3
PENNEY, J. C., CO., INC.	0	8	6
PROCTER AND GAMBLE COMPANY	0	5	4
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	1
RCA CORP.	0	2	2
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	4	4
SECURITY PACIFIC CORP.	0	2	2
SHELL OIL COMPANY	0	2	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	3	3
SOUTHERN RAILWAY COMPANY	0	6	6
STANDARD OIL COMPANY OF INDIANA	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	0	2	1
UAL, INC.	0	6	3
UNION CARBIDE CORPORATION	1	8	6
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	9	7
WELLS FARGO AND COMPANY	0	4	3
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	0	5	4
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 87 INTERLOCKED COMPANIES	12	313	228
FIDELITY MANAGEMENT AND RESEARCH CO.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
TOTALS FOR 0 INTERLOCKED COMPANIES	0	0	0

FIRST BANK SYSTEM, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
ATLANTIC RICHFIELD COMPANY	0	5	2
BANKAMERICA CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	2	3	3
CATERPILLAR TRACTOR COMPANY	0	7	4
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	9	6
CHEMICAL NEW YORK CORPORATION	0	1	1
CITICORP	0	1	1
COMMONWEALTH EDISON	0	5	2
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	3	2
DETROIT EDISON COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	2	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST CHARTER FINANCIAL CORP.	0	1	1
FIRST CHICAGO CORPORATION	1	6	5
FIRST NATIONAL BOSTON CORP.	0	2	1
GENERAL MOTORS CORP.	0	5	4
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HARVESTER COMPANY	1	4	4
MANUFACTURERS HANOVER CORPORATION	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	4	3
MORGAN, J. P., AND CO., INC.	0	2	1
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	2	1
NORTHWEST AIRLINES, INC.	2	7	5
NORTHWEST BANCORPORATION	0	10	7
PHILLIPS PETROLEUM COMPANY	0	2	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
RCA CORP.	0	1	1
SANTA FE INDUSTRIES, INC.	0	2	2
SEARS, ROEBUCK AND CO.	0	3	2
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	1	1
UAL, INC.	0	3	2
UNITED STATES STEEL CORPORATION	1	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
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TOTALS FOR 49 INTERLOCKED COMPANIES	7	120	90

FIRST CHARTER FINANCIAL CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	1	1
FIRST BANK SYSTEM, INC.	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	1	1
LOEWS CORPORATION	0	2	1
NORTHWEST AIRLINES, INC.	0	2	1
WELLS FARGO AND COMPANY	0	1	1
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TOTALS FOR 8 INTERLOCKED COMPANIES	0	10	8

FIRST CHICAGO CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	6	4
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	5	3
AMERICAN EXPRESS COMPANY	0	5	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	14	7
ATLANTIC RICHFIELD COMPANY	3	10	6
BANKAMERICA CORPORATION	0	6	4
BANKERS TRUST NEW YORK CORP	0	5	3
BETHLEHEM STEEL CORPORATION	0	14	9
BURLINGTON NORTHERN, INC.	1	7	6
CATERPILLAR TRACTOR COMPANY	2	6	4
CBS, INC.	0	4	2
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	0	10	7
CHEMICAL NEW YORK CORPORATION	0	15	9
CHESSIE SYSTEM, INC.	0	1	1
CHRYSLER CORPORATION	0	2	1
CITICORP	0	10	5
COMMONWEALTH EDISON	4	16	8
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONTINENTAL CORPORATION, THE	0	3	2
CONTINENTAL ILLINOIS CORPORATION	0	42	18
CONTINENTAL OIL COMPANY	0	5	3
CROCKER NATIONAL CORPORATION	0	4	3
DETROIT EDISON COMPANY	0	2	1

DUPONT, E. I., DE NEMOURS AND CO.	0	6	3
EASTERN AIRLINES, INC.	1	4	2
EASTMAN KODAK COMPANY	0	8	5
EQUITABLE LIFE ASSURANCE	0	3	3
EXXON CORPORATION	0	3	2
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST BANK SYSTEM, INC.	1	6	5
FIRST NATIONAL BOSTON CORP.	0	2	2
FORD MOTOR CO.	0	2	2
GENEPALE ELECTRIC COMPANY	0	5	2
GENERAL MOTORS CORP.	1	10	6
GOODYEAR TIRE AND RUBBER COMPANY	0	4	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	3
INTERNATIONAL HARVESTER COMPANY	2	9	5
KRESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	2	2
LOEWS CORPORATION	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	8	2
MARINE MIDLAND BANKS, INC.	0	4	3
MELLON NATIONAL CORPORATION	0	7	4
METROPOLITAN LIFE INSURANCE COMPANY	1	14	8
MOBIL CORPORATION	0	4	3
MORGAN, J. P., AND CO., INC.	0	9	6
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	5	3
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	2
NORTHWEST AIRLINES, INC.	0	8	5
NORTHWEST BANCORPORATION	0	5	4
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	4	3
PACIFIC GAS AND ELECTRIC COMPANY	0	3	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	9	3
PENNEY, J. C., CO., INC.	0	1	1
PHILLIPS PETROLEUM COMPANY	0	3	3
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
RCA CORP.	0	4	2
SAFeway STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	1	5	4
SEARS, ROEBUCK AND CO.	2	31	7
SECURITY PACIFIC CORP.	0	3	1
SHELL OIL COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
STANDARD OIL COMPANY OF INDIANA	1	12	7
TRANS WORLD AIRLINES, INC.	0	4	3
TRANSAMERICA CORPORATION	0	2	2
UAL, INC.	2	10	6
UNION CARBIDE CORPORATION	0	2	1
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	15	7
VEPCO	0	1	1
WELLS FARGO AND COMPANY	0	5	4
WESTERN BANCORPORATION	0	3	2
WESTERN ELECTRIC CO., INC.	0	6	3
WESTINGHOUSE ELECTRIC CORPORATION	0	4	3
TOTALS FOR 95 INTERLOCKED COMPANIES	22	485	285

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
FIRST NATIONAL BOSTON CORP.			
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	9	2
AMERICAN EXPRESS COMPANY	0	3	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	9	4
ATLANTIC RICHFIELD COMPANY	0	3	3
BETHLEHEM STEEL CORPORATION	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHARTER NEW YORK CORP.	0	2	1
CHASE MANHATTAN CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	1	1
CITICORP	0	5	3
COMMONWEALTH EDISON	0	1	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	6	2
EASTERN AIRLINES, INC.	0	2	1
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	15	4
FIRST BANK SYSTEM, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	2	2
FLORIDA POWER AND LIGHT COMPANY	0	6	2
FORD MOTOR CO.	0	6	2
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	5	27	7
MARINE MIDLAND BANKS, INC.	0	3	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	2	1
MELLON NATIONAL CORPORATION	0	4	1

METROPOLITAN LIFE INSURANCE COMPANY	0	8	3
MIDDLE SOUTH UTILITIES, INC.	0	6	2
MISSOURI PACIFIC CORPORATION	1	0	0
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	7	3
NORTHEAST UTILITIES	0	2	1
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWEST BANCORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	9	3
RCA CORP.	0	2	2
SEARS, ROEBUCK AND CO.	0	1	1
SECURITY PACIFIC CORP.	0	1	1
TRANSAMERICA CORPORATION	0	1	1
TRAVELERS INSURANCE COMPANY	0	1	1
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2
TOTALS FOR 50 INTERLOCKED COMPANIES	6	170	82

FLORIDA POWER AND LIGHT COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
BANKERS TRUST NEW YORK CORP	0	2	2
CATERPILLAR TRACTOR COMPANY	0	1	1
CHASE MANHATTAN CORP.	0	1	1
CHRYSLER CORPORATION	0	1	1
CITICORP	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	2	2
DELTA AIR LINES CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	6	3
EQUITABLE LIFE ASSURANCE	0	3	3
FEDERATED DEPARTMENT STORES, INC.	0	2	1
FIRST NATIONAL BOSTON CORP.	0	6	2
FORD MOTOR CO.	1	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	1	1	1
KROGER COMPANY, THE	0	1	1
LORD, ARBETT AND COMPANY	1	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MIDDLE SOUTH UTILITIES, INC.	1	0	0
MORGAN, J. P., AND CO., INC.	0	2	2
NATIONAL DETROIT CORPORATION	0	1	1
PENNEY, J. C., CO., INC.	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
SAFeway STORES, INC.	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
WELLS FARGO AND COMPANY	0	2	2
TOTALS FOR 35 INTERLOCKED COMPANIES	4	54	45

FORD MOTOR CO.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AFTNA LIFE AND CASUALTY COMPANY	0	2	2
AMERICAN AIR LINES, INC.	0	6	4
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	9	7
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	3	3
BANKERS TRUST NEW YORK CORP	1	6	5
BETHLEHEM STEEL CORPORATION	0	3	2
BURLINGTON NORTHERN, INC.	0	2	2
CATERPILLAR TRACTOR COMPANY	0	2	2
CBS, INC.	0	1	1
CHASE MANHATTAN CORP.	0	5	5
CHEMICAL NEW YORK CORPORATION	0	3	2
CHRYSLER CORPORATION	0	3	3
CITICORP	1	2	2
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	1	3	3
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	3	3
CONTINENTAL OIL COMPANY	0	5	4
CROCKER NATIONAL CORPORATION	0	2	1
DELTA AIR LINES CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	5	2
DUPONT, E. I., DE NEMOURS AND CO.	0	3	3
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	1	5	5
EXXON CORPORATION	0	4	3
FEDERATED DEPARTMENT STORES, INC.	0	3	2
FIRST CHICAGO CORPORATION	0	2	2

FIRST NATIONAL BOSTON CORP.	0	6	2
FLORIDA POWER AND LIGHT COMPANY	1	1	1
GENERAL ELECTRIC COMPANY	0	7	5
GENERAL MOTORS CORP.	0	6	3
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	4	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
GULF OIL CORPORATION	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	12	9
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	5	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	1	3	3
KFESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
LORD, ABBETT AND COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	1	1
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	5	8	5
METROPOLITAN LIFE INSURANCE COMPANY	0	6	6
MIDDLE SOUTH UTILITIES, INC.	1	1	1
MISSOURI PACIFIC CORPORATION	0	2	2
MOBIL CORPORATION	0	6	5
MORGAN, J. P., AND CO., INC.	1	5	4
NATIONAL DETROIT CORPORATION	0	3	2
NEW YORK LIFE INSURANCE COMPANY	0	4	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	1
PACIFIC GAS AND ELECTRIC COMPANY	0	3	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	5	4
PENNEY, J. C., CO., INC.	0	4	2
PHILLIPS PETROLEUM COMPANY	0	4	4
PROCTER AND GAMBLE COMPANY	1	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
RCA CORP.	0	1	1
SAFeway STORES, INC.	0	5	3
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	3	3
SHELL OIL COMPANY	0	2	2
SOUTHERN PACIFIC COMPANY	0	5	5
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	4	3
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	0	4	3
UNION CARBIDE CORPORATION	0	1	1
UNION PACIFIC CORPORATION	0	3	2
UNITED STATES STEEL CORPORATION	0	2	2
VEPCO	0	1	1
WELLS FARGO AND COMPANY	1	3	3
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 86 INTERLOCKED COMPANIES	10	251	205

GENERAL ELECTRIC COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	5	3
AMERICAN AIR LINES, INC.	0	3	3
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	1	10	8
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	14	10
ATLANTIC RICHFIELD COMPANY	0	3	3
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	11	7
BETHLEHEM STEEL CORPORATION	0	7	2
BURLINGTON NORTHERN, INC.	0	4	2
CATERPILLAR TRACTOR COMPANY	0	4	3
CBS, INC.	0	3	2
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	1	8	6
CHEMICAL NEW YORK CORPORATION	1	7	5
CHRYSLER CORPORATION	0	8	6
CITICORP	1	11	8
COMMONWEALTH EDISON	0	8	3
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	5	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONSOLIDATED FREIGHTWAYS, INC.	5	1	1
CONTINENTAL CORPORATION, THE	0	12	5
CONTINENTAL ILLINOIS CORPORATION	0	6	4
CONTINENTAL OIL COMPANY	0	1	1
DELTA AIR LINES CORPORATION	0	3	2
DUPONT, E. I., DE NEMOURS AND CO.	0	6	4
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	0	9	7
EQUITABLE LIFE ASSURANCE	0	9	8
EXXON CORPORATION	0	5	4
FEDERATED DEPARTMENT STORES, INC.	1	7	5
FIRST CHICAGO CORPORATION	0	5	2
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	7	5
GENERAL MOTORS CORP.	0	15	5
GENERAL PUBLIC UTILITIES CORP.	0	3	3
GOODYEAR TIRE AND RUBBER COMPANY	0	7	5

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	1	0	0
INTERNATIONAL BUSINESS MACHINES CORP.	0	13	8
INTERNATIONAL HARVESTING COMPANY	0	12	5
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
INVESTORS DIVERSIFIED SERVICES, INC.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	7	3
FRESGE, S. S., COMPANY	0	3	2
MANUFACTURERS HANOVER CORPORATION	1	4	4
MARINE MIDLAND BANKS, INC.	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	10	7
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	3	1
MOBIL CORPORATION	0	14	10
MORGAN, J. P., AND CO., INC.	3	3	3
NATIONAL DETROIT CORPORATION	0	4	2
NEW YORK LIFE INSURANCE COMPANY	0	12	6
NORFOLK AND WESTERN RAILWAY COMPANY	0	4	3
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	3	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PENNEY, J. C., CO., INC.	1	6	6
PROCTER AND GAMBLE COMPANY	0	4	2
PRUDENTIAL INSURANCE CO. OF AMERICA	1	7	5
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	2	1
RCA CORP.	0	5	4
SAFEWAY STORES, INC.	1	7	3
SANTA FE INDUSTRIES, INC.	0	5	3
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	2
SEARS, ROEBUCK AND CO.	0	11	7
SECURITY PACIFIC CORP.	1	0	0
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	3	1
SOUTHERN PACIFIC COMPANY	1	5	5
SOUTHERN RAILWAY COMPANY	0	5	3
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
STANDARD OIL COMPANY OF INDIANA	0	4	4
TENNESCO, INC.	0	1	1
TEXACO, INC.	0	1	1
TRANSAMERICA CORPORATION	0	1	1
TRAVELEPS INSURANCE COMPANY	0	1	1
UAL, INC.	0	6	3
UNION CARBIDE CORPORATION	0	9	6
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	10	8
UNITED STATES STEEL CORPORATION	0	8	8
WELLS FARGO AND COMPANY	1	4	3
WESTERN BANK CORPORATION	0	2	2
WESTERN ELECTRIC CO., INC.	0	5	3
WESTINGHOUSE ELECTRIC CORPORATION	0	6	5
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 92 INTERLOCKED COMPANIES	16	446	306

GENERAL MOTORS CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AFTNA LIFE AND CASUALTY COMPANY	0	11	4
AMERICAN AIR LINES, INC.	1	7	5
AMERICAN BROADCASTING COMPANIES	0	5	3
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	7	4
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	2	13	8
ATLANTIC RICHFIELD COMPANY	0	8	4
BANKERS TRUST NEW YORK CORP	0	7	4
BETHLEHEM STEEL CORPORATION	1	12	5
BRANIFF INTERNATIONAL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	9	5
CATERPILLAR TRACTOR COMPANY	0	11	5
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	0	7	5
CHASE MANHATTAN CORP.	2	6	4
CHEMICAL NEW YORK CORPORATION	0	14	7
CHRYSLER CORPORATION	0	12	5
CITICORP	2	10	9
COMMONWEALTH EDISON	0	10	5
CONSOLIDATED EDISON CO OF NEW YORK	0	3	2
CONSUMERS POWER COMPANY	0	7	2
CONTINENTAL CORPORATION, THE	0	13	6
CONTINENTAL ILLINOIS CORPORATION	0	5	3
CONTINENTAL OIL COMPANY	0	4	2
CROCKER NATIONAL CORPORATION	0	2	1
DETROIT EDISON COMPANY	2	8	3
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	8	4
EASTERN AIRLINES, INC.	0	3	3
EASTMAN KODAK COMPANY	2	7	4
EQUITABLE LIFE ASSURANCE	0	7	4
EXXON CORPORATION	0	15	9
FEDERATED DEPARTMENT STORES, INC.	0	8	4
FIRST BANK SYSTEM, INC.	0	5	4
FIRST CHICAGO CORPORATION	1	10	6
FORD MOTOR CO.	0	6	3
GENERAL ELECTRIC COMPANY	0	15	5

GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	11	7
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	5	4
INTERNATIONAL BUSINESS MACHINES CORP.	0	15	6
INTERNATIONAL HARVESTER COMPANY	0	7	5
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	5	2
KRESGE, S. S., COMPANY	0	13	5
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	16	7
MARINE MIDLAND BANKS, INC.	0	4	3
MELLON NATIONAL CORPORATION	1	14	8
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	2	22	13
MISSOURI PACIFIC CORPORATION	0	4	2
MOBIL CORPORATION	0	5	3
MORGAN, J. P., AND CO., INC.	3	8	6
NATIONAL DETROIT CORPORATION	2	11	5
NEW YORK LIFE INSURANCE COMPANY	0	7	4
NORFOLK AND WESTERN RAILWAY COMPANY	1	1	1
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	6	3
NORTHWEST BANCORPORATION	0	3	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	1	8	7
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	1
PENNEY, J. C., CO., INC.	0	15	7
PHILLIPS PETROLEUM COMPANY	0	2	1
PROCTER AND GAMBLE COMPANY	1	13	8
PRUDENTIAL INSURANCE CO. OF AMERICA	0	8	4
PUTNAM MANAGEMENT COMPANY, INC. (THE)	0	2	1
RCA CORP.	0	6	3
SANTA FE INDUSTRIES, INC.	1	7	4
SEARS, ROEBUCK AND CO.	0	14	7
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	0	4	3
SOUTHERN RAILWAY COMPANY	0	5	2
STANDARD OIL COMPANY OF CALIFORNIA	0	4	1
STANDARD OIL COMPANY OF INDIANA	0	5	4
TEXACO, INC.	0	3	2
TRANS WORLD AIRLINES, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	0	1	1
UAL, INC.	0	6	4
UNION CARBIDE CORPORATION	0	15	8
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	4	1
UNITED STATES STEEL CORPORATION	2	18	11
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	0	7	3
WESTINGHOUSE ELECTRIC CORPORATION	0	10	7
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 90 INTERLOCKED COMPANIES	27	614	342

GENERAL PUBLIC UTILITIES CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
BANKERS TRUST NEW YORK CORP	0	3	2
CHARTER NEW YORK CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	1	1
CITICORP	0	2	1
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	1	1
GENERAL ELECTRIC COMPANY	0	3	3
GENERAL MOTORS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	4	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	1	0	0
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	2	2
MARINE MIDLAND BANKS, INC.	1	3	3
MELLON NATIONAL CORPORATION	0	2	2
MERRILL LYNCH AND COMPANY, INC.	0	1	1
NORTHEAST UTILITIES	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PENNEY, J. C., CO., INC.	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 31 INTERLOCKED COMPANIES	2	44	40

GENERAL TELEPHONE AND ELECTRONICS CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	2

BANKERS TRUST NEW YORK CORP	1	0	0
CHAPTER NEW YORK CORP.	3	0	0
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL ILLINOIS CORPORAION	0	1	1
CONTINENTAL OIL COMPANY	1	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EQUITABLE LIFE ASSURANCE	0	1	1
FIRST BANK SYSTEM, INC.	0	1	1
FORD MOTOR CO.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	2
MARINE MIDLAND BANKS, INC.	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	5	2
METROPOLITAN LIFE INSURANCE COMPANY	0	3	1
MOBIL CORPORATION	0	2	1
NORTHEAST UTILITIES	0	3	1
NORTHWEST AIRLINES, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	2	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	3	1
SHELL OIL COMPANY	0	3	1
UAL, INC.	0	1	1
UNION PACIFIC CORPORATION	0	3	1
UNITED STATES STEEL CORPORATION	0	4	2
WESTERN ELECTRIC CO., INC.	0	4	2
WOOLWORTH, F. W., CO.	0	6	1
----	5	56	31
TOTALS FOR 28 INTERLOCKED COMPANIES			

GOODYEAR TIRE AND RUBBER COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	2	2
AMERICAN BROADCASTING COMPANIES	0	3	3
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	7	5
ATLANTIC RICHFIELD COMPANY	0	8	7
BANFAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	1	1
BETHLEHEM STEEL CORPORATION	0	2	2
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	3	3
CHEMICAL NEW YORK CORPORATION	0	6	5
CHRYSLER CORPORATION	0	3	2
CITICORP	0	12	6
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	5	5
CONTINENTAL CORPORATION, THE	0	6	3
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	1	1
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	6	4
EQUITABLE LIFE ASSURANCE	0	5	4
EXXON CORPORATION	0	5	4
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST CHICAGO CORPORATION	0	4	3
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	4	2
GENERAL ELECTRIC COMPANY	0	7	5
GENERAL MOTORS CORP.	0	11	7
GENERAL PUBLIC UTILITIES CORP.	0	4	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	1	3	3
GREAT WESTERN FINANCIAL CORPORATION	0	1	1
GULF OIL CORPORATION	0	3	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	4	4
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KESGE, S. S., COMPANY	0	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	1	6	3
MARINE MIDLAND BANKS, INC.	0	3	3
MELLON NATIONAL CORPORATION	1	10	5
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	5	4
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	8	7
NEW YORK LIFE INSURANCE COMPANY	0	8	5
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	2
NORTHEAST UTILITIES	0	3	1
NORTHWEST AIRLINES, INC.	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	6	3
PACIFIC GAS AND ELECTRIC COMPANY	0	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	1	1	1
PENNEY, J. C., CO., INC.	0	5	3
PHILADELPHIA ELECTRIC COMPANY	0	1	1
PHILLIPS PETROLEUM COMPANY	0	3	3
PROCTER AND GAMBLE COMPANY	2	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	3	3
SAFeway STORES, INC.	0	2	2

SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	3	3
SECURITY PACIFIC CORP.	1	2	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	5	3
SOUTHERN PACIFIC COMPANY	1	5	4
SOUTHERN RAILWAY COMPANY	0	2	2
TENNECO, INC.	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	3	2
TRAVELERS INSURANCE COMPANY	0	1	1
UAL, INC.	0	3	3
UNION CARBIDE CORPORATION	0	5	3
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	6	5
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	3	3
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	5	4
TOTALS FOR 84 INTERLOCKED COMPANIES	9	269	209

GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	1	0	0
AHMANNSON, H. F., AND COMPANY	0	2	1
AMERICAN AIR LINES, INC.	0	2	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	2	1
BANKAMERICA CORPORATION	0	2	2
BURLINGTON NORTHERN, INC.	0	1	1
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	4	4
CHEMICAL NEW YORK CORPORATION	0	5	4
CITICORP	0	6	6
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL ILLINOIS CORPORATION	0	2	2
CONTINENTAL OIL COMPANY	0	1	1
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	3	3
EQUITABLE LIFE ASSURANCE	1	2	2
EXXON CORPORATION	0	2	2
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	1	1
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	1	0	0
GENERAL MOTORS CORP.	0	1	1
GENERAL PUBLIC UTILITIES CORP.	1	0	0
GOODYEAR TIRE AND RUBBER COMPANY	1	3	3
INTERNATIONAL BUSINESS MACHINES CORP.	0	3	2
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	3	3
KPESGE, S. S., COMPANY	0	3	2
MANUFACTURERS HANOVER CORPORATION	0	4	3
MARINE MIDLAND BANKS, INC.	0	2	2
MELLON NATIONAL CORPORATION	0	3	3
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	6	4
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	1	1	1
PENNEY, J. C., CO., INC.	0	2	2
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	4	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	1	1
SAFEWAY STORES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SECURITY PACIFIC CORP.	0	4	4
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	2	2
SOUTHERN RAILWAY COMPANY	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UNITED STATES STEEL CORPORATION	0	2	1
WELLS FARGO AND COMPANY	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	1	0	0
WOOLWORTH, F. W., CO.	0	2	2
TOTALS FOR 59 INTERLOCKED COMPANIES	7	111	99

GREAT WESTERN FINANCIAL CORPORATION

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AHMANNSON, H. F., AND COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKERS TRUST NEW YORK CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
MERRILL LYNCH AND COMPANY, INC.	0	1	1
SECURITY PACIFIC CORP.	0	2	2

SOUTHERN CALIFORNIA EDISON COMPANY	0	3	2
SOUTHERN PACIFIC COMPANY	0	1	1
WESTERN BANCORPORATION	0	1	1
TOTALS FOR 10 INTERLOCKED COMPANIES	0	13	13

GULF OIL CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
BANKAMERICA CORPORATION	0	2	1
BANKERS TRUST NEW YORK CORP	0	3	2
BETHLEHEM STEEL CORPORATION	0	1	1
BRANIFF INTERNATIONAL CORPORATION	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHARTER NEW YORK CORP.	0	2	1
CHEMICAL NEW YORK CORPORATION	0	2	2
CITICORP	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	2	1
FIRST CHICAGO CORPORATION	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	2	2
GENERAL MOTORS CORP.	0	5	4
GOODYEAR TIRE AND RUBBER COMPANY	0	3	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	2	11	5
METROPOLITAN LIFE INSURANCE COMPANY	0	5	3
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	3	2
MORGAN, J. P., AND CO., INC.	0	3	2
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	4	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	9	4
PROCTER AND GAMBLE COMPANY	0	4	3
RCA CORP.	0	2	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SECURITY PACIFIC CORP.	0	1	1
SHELL OIL COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
UAL, INC.	0	1	1
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	4	2
WELLS FARGO AND COMPANY	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	2	1
TOTALS FOR 45 INTERLOCKED COMPANIES	2	96	68

INTERNATIONAL BUSINESS MACHINES CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	5	3
AMERICAN AIR LINES, INC.	0	4	3
AMERICAN BROADCASTING COMPANIES	0	4	3
AMERICAN ELECTRIC POWER COMPANY, INC.	0	4	2
AMERICAN EXPRESS COMPANY	1	21	12
AMERICAN STORES COMPANY	0	2	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	22	15
ATLANTIC RICHFIELD COMPANY	0	12	7
BANKAMERICA CORPORATION	0	5	3
BANKERS TRUST NEW YORK CORP	1	12	8
BETHLEHEM STEEL CORPORATION	0	9	6
BRANIFF INTERNATIONAL CORPORATION	0	4	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	1	8	7
CBS, INC.	0	8	4
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	1	7	7
CHEMICAL NEW YORK CORPORATION	2	17	14
CHESSIE SYSTEM, INC.	0	1	1
CHRYSLER CORPORATION	0	7	6
CITICORP	2	10	9
COMMONWEALTH EDISON	0	3	2
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	4	4
CONSOLIDATED EDISON CO OF NEW YORK	0	10	6
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	5	4
CONTINENTAL ILLINOIS CORPORATION	1	2	2
CONTINENTAL OIL COMPANY	1	8	8
CROCKER NATIONAL CORPORATION	0	1	1
DUKE POWER CO	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	2	5	4
EASTERN AIRLINES, INC.	0	2	2
EASTMAN KODAK COMPANY	0	7	6
EQUITABLE LIFE ASSURANCE	0	8	7
EXXON CORPORATION	0	11	6
FEDERATED DEPARTMENT STORES, INC.	0	9	7
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	4	3

FIRST NATIONAL BOSTON CORP.	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	2	1
FORD MOTOR CO.	0	12	9
GENERAL ELECTRIC COMPANY	0	13	8
GENERAL MOTORS CORP.	0	15	6
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	2	2
GOODYEAR TIRE AND RUBBER COMPANY	0	4	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	3	2
GULF OIL CORPORATION	0	2	1
INTERNATIONAL HARVESTER COMPANY	0	5	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	3	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	5	3
KRESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	11	9
MARINE MIDLAND BANKS, INC.	0	5	4
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	4	3
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	12	9
MIDDLE SOUTH UTILITIES, INC.	0	2	1
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	1	15	10
MORGAN, J. P., AND CO., INC.	1	9	8
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	16	9
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	3	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PACIFIC GAS AND ELECTRIC COMPANY	0	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	2	6	4
PENNEY, J. C., CO., INC.	0	8	4
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	5	4
PRUDENTIAL INSURANCE CO. OF AMERICA	0	4	4
RCA CORP.	0	4	3
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	3	2
SPARS, ROEBUCK AND CO.	0	10	8
SECURITY PACIFIC CORP.	0	2	1
SHELL OIL COMPANY	0	6	5
SOUTHERN PACIFIC COMPANY	1	4	3
SOUTHERN RAILWAY COMPANY	0	5	4
STANDARD OIL COMPANY OF CALIFORNIA	0	5	2
STANDARD OIL COMPANY OF INDIANA	0	8	4
TENNECO, INC.	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	2	2
UAL, INC.	0	5	4
UNION CARBIDE CORPORATION	0	6	4
UNION PACIFIC CORPORATION	0	6	3
UNITED STATES STEEL CORPORATION	1	8	6
WELLS FARGO AND COMPANY	0	2	2
WESTERN BANK CORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	0	5	3
TOTALS FOR 96 INTERLOCKED COMPANIES	19	519	371

INTERNATIONAL HARVESTER COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	3	2
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	5	3
ATLANTIC RICHFIELD COMPANY	0	6	1
BANKAMERICA CORPORATION	1	0	0
BANKERS TRUST NEW YORK CORP	0	3	2
BETHLEHEM STEEL CORPORATION	0	5	4
BURLINGTON NORTHERN, INC.	1	4	4
CATERPILLAR TRACTOR COMPANY	0	5	2
CHARTER NEW YORK CORP.	0	3	2
CHASE MANHATTAN CORP.	0	5	3
CHEMICAL NEW YORK CORPORATION	0	4	4
CHRYSLER CORPORATION	0	2	2
CITICORP	0	5	5
COMMONWEALTH EDISON	1	22	4
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL ILLINOIS CORPORATION	2	11	8
CONTINENTAL OIL COMPANY	0	5	4
DUPONT, E. I., DE NEMOURS AND CO.	1	0	0
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	1	4	4
EQUITABLE LIFE ASSURANCE	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST BANK SYSTEM, INC.	1	4	4
FIRST CHARTER FINANCIAL CORP.	0	1	1
FIRST CHICAGO CORPORATION	2	9	5
GENERAL ELECTRIC COMPANY	0	12	5
GENERAL MOTORS CORP.	0	7	5
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1

INTERNATIONAL BUSINESS MACHINES CORP.	0	5	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MARINE MIDLAND BANKS, INC.	0	3	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	2	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	7	6
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	5	2
MORGAN, J. P., AND CO., INC.	0	5	5
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	5	3
NORTHWEST AIRLINES, INC.	0	6	4
NORTHWEST BANCORPORATION	1	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	2
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	3	3
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	4	3
RCA CORP.	0	1	1
SANTA FE INDUSTRIES, INC.	1	9	6
SEARS, ROEBUCK AND CO.	0	10	5
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	3	2
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	12	5
TENNECO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	4	3
UAL, INC.	1	4	1
UNION OIL COMPANY OF CALIFORNIA	0	2	2
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	2	2
WELLS FARGO AND COMPANY	0	1	1
WESTERN ELECTRIC CO., INC.	1	4	4
WESTINGHOUSE ELECTRIC CORPORATION	0	4	3
WOLWORTH, F. W., CO.	0	2	1
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TOTALS FOR 72 INTERLOCKED COMPANIES	14	261	173

INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	2
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	4	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	4	4
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	0	7	5
CHEMICAL NEW YORK CORPORATION	0	5	3
CHRYSLER CORPORATION	1	3	3
CITICORP	0	3	3
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	5	2
CONSOLIDATED EDISON CO OF NEW YORK	1	1	1
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	6	6
CONTINENTAL OIL COMPANY	0	2	1
CROCKER NATIONAL CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	2	2
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	4	4
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	3	3
INTERNATIONAL BUSINESS MACHINES CORP.	0	3	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	8	5
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	4	4
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	3	3
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	1	3	3
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	3	3
PENNEY, J. C., CO., INC.	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	1	1
SAFeway STORES, INC.	0	1	1
SECURITY PACIFIC CORP.	0	2	2
SOUTHERN PACIFIC COMPANY	1	2	2

SOUTHERN RAILWAY COMPANY	1	2	2
TENNECO, INC.	0	2	2
TEXACO, INC.	0	1	1
TEXAS UTILITIES COMPANY	0	7	1
TRAVELERS INSURANCE COMPANY	0	3	2
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	2	2
UNITED STATES STEEL CORPORATION	0	1	1
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2

TOTALS FOR 63 INTERLOCKED COMPANIES	5	140	117
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INVESTORS DIVERSIFIED SERVICES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
BANKERS TRUST NEW YORK CORP	0	1	1
CHARTER NEW YORK CORP.	0	2	1
EQUITABLE LIFE ASSURANCE	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	2	1
MASSACHUSETTS FINANCIAL SERVICES, INC.	0	1	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	1
WESTERN ELECTRIC CO., INC.	0	2	1
WOOLWORTH, F. W., CO.	1	2	2
TOTALS FOR 10 INTERLOCKED COMPANIES	1	15	11

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	3	2
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	1	5	3
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	6	5
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	3	3
BETHLEHEM STEEL CORPORATION	0	3	2
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	2	2
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	2	1
CHASE MANHATTAN CORP.	0	4	3
CHEMICAL NEW YORK CORPORATION	0	3	2
CHRYSLER CORPORATION	0	4	3
CITICORP	0	4	4
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	2	2
CONTINENTAL CORPORATION, THE	0	6	5
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	2	2
DELTA AIR LINES CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	1	2	2
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	4	3
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	2	4	2
FIRST NATIONAL BOSTON CORP.	5	27	7
FLORIDA POWER AND LIGHT COMPANY	1	1	1
FORD MOTOR CO.	1	3	3
GENERAL ELECTRIC COMPANY	0	7	3
GENERAL MOTORS CORP.	0	5	2
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	3
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
KROGER COMPANY, THE	0	2	2
LORD, ABBETT AND COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	5	3
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	5	2
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	11	3
MIDDLE SOUTH UTILITIES, INC.	1	1	1
MISSOURI PACIFIC CORPORATION	0	7	3
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	1	2	2
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	2	2
NORTHEAST UTILITIES	0	2	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	10	3
PENNEY, J. C., CO., INC.	0	2	1
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
RCA CORP.	0	2	2
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	2	2
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	2	2

SECURITY PACIFIC CORP.	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	3	3
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	0	2	2
UNION CARBIDE CORPORATION	0	4	3
UNITED STATES STEEL CORPORATION	0	3	2
WELLS FARGO AND COMPANY	0	2	2
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2
TOTALS FOR 78 INTERLOCKED COMPANIES	14	219	148

FRESGE, S. S., COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	7	3
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	4	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	3	3
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	9	6
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	0	7	5
CHEMICAL NEW YORK CORPORATION	0	4	2
CHRYSLER CORPORATION	1	13	7
CITICORP	0	2	2
CONSUMERS POWER COMPANY	2	13	3
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	2	1
DETROIT EDISON COMPANY	1	19	4
EASTERN AIRLINES, INC.	0	2	2
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	5	2
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	3	2
GENERAL MOTORS CORP.	0	13	5
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	3	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
INVESTORS DIVERSIFIED SERVICES, INC.	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	2	1
MELLON NATIONAL CORPORATION	0	4	4
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	2	2
NATIONAL DETROIT CORPORATION	4	16	7
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	1	5	3
PENNEY, J. C., CO., INC.	0	2	2
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
TRANS WORLD AIRLINES, INC.	0	2	1
UNION CARBIDE CORPORATION	0	1	1
UNION PACIFIC CORPORATION	0	1	1
WELLS FARGO AND COMPANY	0	2	2
WESTERN ELECTRIC CO., INC.	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 50 INTERLOCKED COMPANIES	9	173	102

KROGER COMPANY, THE	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN ELECTRIC POWER COMPANY, INC.	1	0	0
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKERS TRUST NEW YORK CORP	0	1	1
CBS, INC.	0	2	2
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	1	1
CITICORP	0	1	1
COMMONWEALTH EDISON	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	1	0	0
FIRST CHICAGO CORPORATION	0	2	2
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL MOTORS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	1

JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	2	2
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	1	1
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PROCTER AND GAMBLE COMPANY	0	4	3
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	3	2
SFARS, ROEBUCK AND CO.	0	1	1
SOUTHERN COMPANY	0	5	2
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	1	1
TEXACO, INC.	0	1	1
UAL, INC.	0	1	1
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	2	1
TOTALS FOR 49 INTERLOCKED COMPANIES	2	64	55

LOEWS CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN EXPRESS COMPANY	0	1	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
FIRST CHARTER FINANCIAL CORP.	0	2	1
FIRST CHICAGO CORPORATION	0	2	1
PHILLIPS PETROLEUM COMPANY	0	2	1
TOTALS FOR 5 INTERLOCKED COMPANIES	0	8	5

LORD, ABBETT AND COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
FLORIDA POWER AND LIGHT COMPANY	1	1	1
FORD MOTOR CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MIDDLE SOUTH UTILITIES, INC.	0	1	1
TOTALS FOR 4 INTERLOCKED COMPANIES	1	4	4

MANUFACTURERS HANOVER CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	4	2
AMERICAN AIR LINES, INC.	1	3	2
AMERICAN BROADCASTING COMPANIES	1	5	3
AMERICAN ELECTRIC POWER COMPANY, INC.	0	3	1
AMERICAN EXPRESS COMPANY	1	12	6
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	2	17	9
ATLANTIC RICHFIELD COMPANY	0	9	5
BANKAMERICA CORPORATION	0	2	1
BANKERS TRUST NEW YORK CORP	0	11	7
BETHLEHEM STEEL CORPORATION	0	1	1
BRANIFF INTERNATIONAL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	3	1
CATERPILLAR TRACTOR COMPANY	0	10	5
CBS, INC.	0	11	4
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	0	27	13
CHEMICAL NEW YORK CORPORATION	0	32	17
CHESSIE SYSTEM, INC.	0	1	1
CHRYSLER CORPORATION	2	10	7
CITICORP	0	26	15
COMMONWEALTH EDISON	0	2	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	1	16	6
CONSUMERS POWER COMPANY	0	3	2
CONTINENTAL CORPORATION, THE	4	12	10
CONTINENTAL ILLINOIS CORPORATION	0	4	3
CONTINENTAL OIL COMPANY	0	4	3
CROCKER NATIONAL CORPORATION	0	5	3
DETROIT EDISON COMPANY	0	1	1
DUKE POWER CO	0	2	2
DUPONT, E. I., DE NEMOURS AND CO.	0	3	2
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	0	4	3
EQUITABLE LIFE ASSURANCE	0	5	3
EXXON CORPORATION	0	3	2
FEDERATED DEPARTMENT STORES, INC.	1	11	9
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	8	2
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	1	4	4
GENERAL MOTORS CORP.	0	16	7
GENERAL PUBLIC UTILITIES CORP.	0	2	2
GOODYEAR TIRE AND RUBBER COMPANY	1	6	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	4	3

INTERNATIONAL BUSINESS MACHINES CORP.	0	11	9
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	8	5
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	5	3
KRESGE, S. S., COMPANY	0	2	1
MARINE MIDLAND BANKS, INC.	0	7	6
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	6	5
METROPOLITAN LIFE INSURANCE COMPANY	0	12	8
MOBIL CORPORATION	0	7	4
MORGAN, J. P., AND CO., INC.	0	25	15
NATIONAL DETROIT CORPORATION	0	5	2
NEW YORK LIFE INSURANCE COMPANY	3	21	11
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	7	4
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	9	5
PENNEY, J. C., CO., INC.	0	13	8
PROCTER AND GAMBLE COMPANY	0	5	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	8	6
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	12	1
RCA CORP.	0	5	4
SAFEGWAY STORES, INC.	0	2	2
SANTA FE INDUSTRIES, INC.	0	3	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	1	4	3
SECURITY PACIFIC CORP.	0	2	2
SHELL OIL COMPANY	0	3	3
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	1	10	5
SOUTHERN RAILWAY COMPANY	0	10	5
TENNECO, INC.	0	1	1
TEXACO, INC.	0	3	2
TRANS WORLD AIRLINES, INC.	0	5	2
TRAVELERS INSURANCE COMPANY	0	2	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	2	16	8
UNION PACIFIC CORPORATION	0	5	4
UNITED STATES STEEL CORPORATION	1	15	7
WELLS FARGO AND COMPANY	0	2	2
WESTERN BANCORPORATION	0	3	2
WESTERN ELECTRIC CO., INC.	0	4	4
WESTINGHOUSE ELECTRIC CORPORATION	2	6	3
WOOLWORTH, F. W., CO.	0	2	2
TOTALS FOR 89 INTERLOCKED COMPANIES	25	588	347

MARINE MIDLAND BANKS, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	1	0	0
AMERICAN BROADCASTING COMPANIES	0	4	3
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	4	4
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	4	3
ATLANTIC RICHFIELD COMPANY	0	5	4
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	3	2
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	0	4	3
CHARTER NEW YORK CORP.	0	4	3
CHEMICAL NEW YORK CORPORATION	0	5	5
CHRYSLER CORPORATION	0	2	2
CITICORP	0	10	4
COMMONWEALTH EDISON	0	2	1
CONSOLIDATED EDISON CO OF NEW YORK	0	3	3
CONTINENTAL CORPORATION, THE	0	6	5
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	2	2
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	2	2
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTERN AIRLINES, INC.	0	5	2
EASTMAN KODAK COMPANY	1	2	2
EQUITABLE LIFE ASSURANCE	0	5	3
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST CHICAGO CORPORATION	0	4	3
FIRST NATIONAL BOSTON CORP.	0	3	2
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	4	3
GENERAL PUBLIC UTILITIES CORP.	1	3	3
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	3	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	4
INTERNATIONAL HARVESTER COMPANY	0	3	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	7	6
MELLON NATIONAL CORPORATION	0	6	3
METROPOLITAN LIFE INSURANCE COMPANY	0	8	6
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	3	3

NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	3	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	1	2	2
PENNEY, J. C., CO., INC.	0	3	2
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	1
RCA CORP.	1	1	1
SEARS, ROEBUCK AND CO.	0	2	2
SECURITY PACIFIC CORP.	0	2	2
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	2	2
TRANSAMERICA CORPORATION	0	2	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	2	2
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	4	4
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	4	3
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TOTALS FOR 68 INTERLOCKED COMPANIES	5	186	150

MASSACHUSETTS FINANCIAL SERVICES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
BANKERS TRUST NEW YORK CORP	0	1	1
INVESTORS DIVERSIFIED SERVICES, INC.	0	1	1
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TOTALS FOR 2 INTERLOCKED COMPANIES	0	2	2

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	3	3
BANKERS TRUST NEW YORK CORP	1	4	2
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	2	2
CHRYSLER CORPORATION	0	1	1
COLUMBIA GAS SYSTEM	1	0	0
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	1	1
FEDERATED DEPARTMENT STORES, INC.	1	0	0
FIRST NATIONAL BOSTON CORP.	0	2	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	5	2
MANUFACTURERS HANOVER CORPORATION	0	1	1
MOBIL CORPORATION	0	2	1
MORGAN, J. P., AND CO., INC.	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHEAST UTILITIES	1	0	0
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PENNEY, J. C., CO., INC.	0	2	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	1	1
SHELL OIL COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	2	2
UNION CARBIDE CORPORATION	0	2	2
UNITED STATES STEEL CORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	2	2
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TOTALS FOR 36 INTERLOCKED COMPANIES	4	50	41

MELLON NATIONAL CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	3	2
AMERICAN AIR LINES, INC.	0	4	3
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	6	4
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	9	6
BETHLEHEM STEEL CORPORATION	0	2	2
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	3	2
CHARTER NEW YORK CORP.	0	3	3
CHASE MANHATTAN CORP.	0	5	4
CHEMICAL NEW YORK CORPORATION	0	5	4
CHRYSLER CORPORATION	0	1	1
CITICORP	0	13	9
COLUMBIA GAS SYSTEM	0	2	1
COMMONWEALTH EDISON	0	2	2
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	2	2

CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	2	1
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	3	2
EASTMAN KODAK COMPANY	0	8	7
EQUITABLE LIFE ASSURANCE	1	1	1
EXXON CORPORATION	0	4	4
FEDERATED DEPARTMENT STORES, INC.	0	2	1
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	7	4
FIRST NATIONAL BOSTON CORP.	0	4	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	8	5
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	1	14	8
GENERAL PUBLIC UTILITIES CORP.	0	2	2
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	5	2
GOODYEAR TIRE AND RUBBER COMPANY	1	10	5
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	3	3
GULF OIL CORPORATION	2	11	5
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	3
INTERNATIONAL HARVESTER COMPANY	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	4	4
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	6	5
MARINE MIDLAND BANKS, INC.	0	6	3
METROPOLITAN LIFE INSURANCE COMPANY	1	11	7
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	4	2
MOBIL CORPORATION	0	7	4
MORGAN, J. P., AND CO., INC.	0	8	6
NATIONAL DETROIT CORPORATION	0	4	3
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORFOLK AND WESTERN RAILWAY COMPANY	1	7	3
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	3	3
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	1	7	3
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	5	3
PENNEY, J. C., CO., INC.	0	1	1
PHILADELPHIA ELECTRIC COMPANY	0	1	1
PHILLIPS PETROLEUM COMPANY	0	2	2
PROCTER AND GAMBLE COMPANY	1	9	5
RCA CORP.	0	3	3
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	1	1
SECURITY PACIFIC CORP.	0	5	2
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	0	6	5
SOUTHERN RAILWAY COMPANY	0	3	2
TRANS WORLD AIRLINES, INC.	0	3	3
UAL, INC.	0	6	3
UNION CARBIDE CORPORATION	0	3	2
UNION OIL COMPANY OF CALIFORNIA	0	2	1
UNION PACIFIC CORPORATION	0	2	2
UNITED STATES STEEL CORPORATION	1	5	4
WELLS FARGO AND COMPANY	0	3	1
WESTERN BANCORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	1	3	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 86 INTERLOCKED COMPANIES	11	308	212

MERRILL LYNCH AND COMPANY, INC.

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKERS TRUST NEW YORK CORP	0	2	1
CHEMICAL NEW YORK CORPORATION	0	2	2
COMMONWEALTH EDISON	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
DETROIT EDISON COMPANY	0	1	1
GENERAL MOTORS CORP.	0	1	1
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT WESTERN FINANCIAL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
KRESGE, S. S., COMPANY	0	1	1
MORGAN, J. P., AND CO., INC.	0	1	1
NATIONAL DETROIT CORPORATION	0	1	1
PENNEY, J. C., CO., INC.	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
PUTNAM MANAGEMENT COMPANY, INC. (THE)	0	2	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
TRAVELERS INSURANCE COMPANY	0	1	1
UNITED STATES STEEL CORPORATION	0	1	1
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1

TOTALS FOR 26 INTERLOCKED COMPANIES	0	29	27
METROPOLITAN LIFE INSURANCE COMPANY	DIPECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	8	7
AMERICAN AIR LINES, INC.	0	6	5
AMERICAN BROADCASTING COMPANIES	1	0	0
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	10	7
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	17	9
ATLANTIC RICHFIELD COMPANY	1	11	8
BANKAMERICA CORPORATION	0	4	4
BANKERS TRUST NEW YORK CORP	0	3	3
BETHLEHEM STEEL CORPORATION	1	8	5
BURLINGTON NORTHERN, INC.	0	3	3
CATERPILLAR TRACTOR COMPANY	0	12	9
CBS, INC.	0	4	4
CHARTER NEW YORK CORP.	1	6	5
CHASE MANHATTAN CORP.	1	16	11
CHEMICAL NEW YORK CORPORATION	2	12	9
CHRYSLER CORPORATION	0	7	5
CITICORP	1	22	15
COMMONWEALTH EDISON	1	9	5
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	1	6	3
CONTINENTAL CORPORATION, THE	0	14	8
CONTINENTAL ILLINOIS CORPORATION	0	10	7
CONTINENTAL OIL COMPANY	0	3	3
CROCKER NATIONAL CORPORATION	1	5	3
DELTA AIR LINES CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	4	1
DUPONT, E. I., DE MEMOURS AND CO.	0	9	7
EASTERN AIRLINES, INC.	0	8	7
EASTMAN KODAK COMPANY	1	13	8
EQUITABLE LIFE ASSURANCE	0	9	9
EXXON CORPORATION	1	8	6
FEDERATED DEPARTMENT STORES, INC.	0	4	3
FIRST BANK SYSTEM, INC.	0	4	3
FIRST CHICAGO CORPORATION	1	14	8
FIRST NATIONAL BOSTON CORP.	0	8	3
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	6	6
GENERAL ELECTRIC COMPANY	0	10	7
GENERAL MOTORS CORP.	2	22	13
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	3	1
GOODYEAR TIRE AND RUBBER COMPANY	1	5	4
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	5	3
INTERNATIONAL BUSINESS MACHINES CORP.	1	12	9
INTERNATIONAL HARVESTER COMPANY	0	7	6
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	4	4
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	11	3
KRESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	2	2
MANUFACTURERS HANOVER CORPORATION	0	12	8
MARINE MIDLAND BANKS, INC.	0	8	6
MELLON NATIONAL CORPORATION	1	11	7
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	2	2
MOBIL CORPORATION	0	6	5
MORGAN, J. P., AND CO., INC.	1	19	11
NATIONAL DETROIT CORPORATION	0	4	1
NEW YORK LIFE INSURANCE COMPANY	0	17	12
NORFOLK AND WESTERN RAILWAY COMPANY	0	5	4
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	1	4	3
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	12	8
PACIFIC GAS AND ELECTRIC COMPANY	1	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	10	5
PENNEY, J. C., CO., INC.	0	6	4
PHILADELPHIA ELECTRIC COMPANY	0	4	2
PHILLIPS PETROLEUM COMPANY	1	3	2
PROCTER AND GAMBLE COMPANY	1	9	7
PRUDENTIAL INSURANCE CO. OF AMERICA	0	6	5
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	1
RCA CORP.	1	10	5
SAFeway STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	9	7
SEABOARD COAST LINE INDUSTRIES, INC.	0	3	2
SEARS, ROEBUCK AND CO.	0	14	11
SECURITY PACIFIC CORP.	0	6	6
SHELL OIL COMPANY	0	2	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	7	7
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
STANDARD OIL COMPANY OF INDIANA	0	7	6
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	2	2
TRANSAMERICA CORPORATION	0	1	1
TRAVELERS INSURANCE COMPANY	0	1	1
UAL, INC.	1	5	4
UNION CARBIDE CORPORATION	2	5	5

UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	6	4
UNITED STATES STEEL CORPORATION	1	19	12
WELLS FARGO AND COMPANY	0	3	3
WESTERN ELECTRIC CO., INC.	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	0	10	9
WOOLWORTH, F. W., CO.	0	3	2
TOTALS FOR 98 INTERLOCKED COMPANIES	29	641	455

MIDDLE SOUTH UTILITIES, INC.

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
BANKERS TRUST NEW YORK CORP	0	2	2
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	0	2	1
CHASE MANHATTAN CORP.	0	1	1
CHRYSLER CORPORATION	0	1	1
CITICORP	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	2	2
DELTA AIR LINES CORPORATION	1	0	0
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EQUITABLE LIFE ASSURANCE	0	3	3
FEDERATED DEPARTMENT STORES, INC.	0	2	1
FIRST NATIONAL BOSTON CORP.	0	6	2
FLORIDA POWER AND LIGHT COMPANY	1	0	0
FORD MOTOR CO.	1	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	1	1	1
KFOGER COMPANY, THE	0	1	1
LORD, ABBETT AND COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MORGAN, J. P., AND CO., INC.	0	2	2
NATIONAL DETROIT CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
SAFWAY STORES, INC.	0	2	2
SHELL OIL COMPANY	0	1	1
SOUTHERN COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	0	1	1
WELLS FARGO AND COMPANY	0	3	3
TOTALS FOR 39 INTERLOCKED COMPANIES	4	56	48

MISSOURI PACIFIC CORPORATION

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
BANKAMERICA CORPORATION	0	1	1
BETHLEHEM STEEL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHARTER NEW YORK CORP.	0	1	1
CITICORP	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL OIL COMPANY	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST NATIONAL BOSTON CORP.	1	0	0
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	3	1
GENERAL MOTORS CORP.	0	4	2
GULF OIL CORPORATION	0	3	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	7	3
KFOGER COMPANY, THE	0	1	1
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	4	2
METROPOLITAN LIFE INSURANCE COMPANY	0	2	2
MORGAN, J. P., AND CO., INC.	1	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	4	2
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SPARS, ROEBUCK AND CO.	0	1	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TECHACO, INC.	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	1	1

UNITED STATES STEEL CORPORATION
WESTERN ELECTRIC CO., INC.

0	1	1
0	1	1
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2	66	51

TOTALS FOR 42 INTERLOCKED COMPANIES

MOBIL CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	5	3
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	2	25	13
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	12	7
ATLANTIC RICHFIELD COMPANY	0	3	3
BANKERS TRUST NEW YORK CORP	2	9	6
BETHLEHEM STEEL CORPORATION	0	2	2
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	1	12	6
CBS, INC.	0	1	1
CHASE MANHATTAN CORP.	0	7	5
CHEMICAL NEW YORK CORPORATION	1	15	8
CHRYSLER CORPORATION	0	5	4
CITICORP	1	8	7
COMMONWEALTH EDISON	0	3	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	7	5
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONSUMERS POWER COMPANY	0	2	1
CONTINENTAL CORPORATION, THE	0	3	2
CONTINENTAL ILLINOIS CORPORATION	0	3	3
CONTINENTAL OIL COMPANY	0	13	9
DUPONT, E. I., DE NEMOURS AND CO.	0	6	5
EASTERN AIRLINES, INC.	0	2	2
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	1	1	1
EXXON CORPORATION	0	6	5
FEDERATED DEPARTMENT STORES, INC.	0	7	4
FIRST CHICAGO CORPORATION	0	4	3
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	6	5
GENERAL ELECTRIC COMPANY	0	14	10
GENERAL MOTORS CORP.	0	5	3
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	1	15	10
INTERNATIONAL HARVESTER COMPANY	0	5	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	7	4
MARINE MIDLAND BANKS, INC.	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	2	1
MELLON NATIONAL CORPORATION	0	7	4
METROPOLITAN LIFE INSURANCE COMPANY	0	6	5
MORGAN, J. P., AND CO., INC.	0	2	2
NEW YORK LIFE INSURANCE COMPANY	0	3	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	5	3
PENNEY, J. C., CO., INC.	0	12	7
PROCTER AND GAMBLE COMPANY	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	6	5
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	1	1
RCA CORP.	0	1	1
SAFeway STORES, INC.	0	4	3
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	3	3
SECURITY PACIFIC CORP.	0	2	1
SHELL OIL COMPANY	0	3	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	2
SOUTHERN PACIFIC COMPANY	0	5	5
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
STANDARD OIL COMPANY OF INDIANA	0	3	3
TEXACO, INC.	0	4	3
TRANS WORLD AIRLINES, INC.	0	1	1
UNION CARBIDE CORPORATION	0	6	3
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	6	4
UNITED STATES STEEL CORPORATION	0	13	9
WELLS FARGO AND COMPANY	0	3	2
WESTERN BANCORPORATION	0	2	2
WESTERN ELECTRIC CO., INC.	0	2	1
WESTINGHOUSE ELECTRIC CORPORATION	0	3	3
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 80 INTERLOCKED COMPANIES	10	357	251

MORGAN, J. P., AND CO., INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	1	3	3
AMERICAN AIR LINES, INC.	0	6	4
AMERICAN BROADCASTING COMPANIES	0	3	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	4	4
AMERICAN EXPRESS COMPANY	0	8	6
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	18	12
ATLANTIC RICHFIELD COMPANY	0	4	4

BANKAMERICA CORPORATION	0	2	2
BANKERS TRUST NEW YORK CORP	0	6	6
BETHLEHEM STEEL CORPORATION	2	4	3
BURLINGTON NORTHERN, INC.	1	1	1
CATERPILLAR TRACTOR COMPANY	0	2	2
CBS, INC.	0	4	3
CHARTER NEW YORK CORP.	0	6	6
CHASE MANHATTAN CORP.	0	17	9
CHEMICAL NEW YORK CORPORATION	0	15	9
CHESSIE SYSTEM, INC.	0	1	1
CHRYSLER CORPORATION	0	6	6
CITICORP	0	30	19
COMMONWEALTH EDISON	0	5	3
CONSOLIDATED EDISON CO OF NEW YORK	0	8	7
CONTINENTAL CORPORATION, THE	1	4	3
CONTINENTAL ILLINOIS CORPORATION	0	6	5
CONTINENTAL OIL COMPANY	0	4	3
CROCKER NATIONAL CORPORATION	0	4	4
DELTA AIR LINES CORPORATION	0	3	2
DETROIT EDISON COMPANY	0	6	1
DUPONT, E. I., DE NEMOURS AND CO.	1	4	2
EASTERN AIRLINES, INC.	0	2	2
EASTMAN KODAK COMPANY	1	10	6
EQUITABLE LIFE ASSURANCE	0	8	7
EXXON CORPORATION	0	6	6
FEDERATED DEPARTMENT STORES, INC.	1	7	5
FIRST BANK SYSTEM, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	9	6
FIRST NATIONAL BOSTON CORP.	0	7	3
FLORIDA POWER AND LIGHT COMPANY	0	2	2
FORD MOTOR CO.	1	5	4
GENERAL ELECTRIC COMPANY	3	3	3
GENERAL MOTORS CORP.	3	8	6
GOODYEAR TIRE AND RUBBER COMPANY	0	8	7
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	6	4
GULF OIL CORPORATION	0	3	2
INTERNATIONAL BUSINESS MACHINES CORP.	1	9	8
INTERNATIONAL HARVESTER COMPANY	0	5	5
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	3	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	1	2	2
KRESGE, S. S., COMPANY	0	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	25	15
MARINE MIDLAND BANKS, INC.	0	3	3
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	8	6
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	19	11
MIDDLE SOUTH UTILITIES, INC.	0	2	2
MISSOURI PACIFIC CORPORATION	1	1	1
MOBIL CORPORATION	0	2	2
NATIONAL DETROIT CORPORATION	0	6	1
NEW YORK LIFE INSURANCE COMPANY	1	6	5
NORFOLK AND WESTERN RAILWAY COMPANY	0	4	2
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	5	2
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	3	2
PENNEY, J. C., CO., INC.	0	8	6
PHILLIPS PETROLEUM COMPANY	0	2	2
PROCTER AND GAMBLE COMPANY	1	5	4
PRUDENTIAL INSURANCE CO. OF AMERICA	1	4	2
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	6	3
RCA CORP.	0	4	4
SAFEWAY STORES, INC.	0	3	1
SANTA FE INDUSTRIES, INC.	1	5	3
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	1
SEARS, ROEBUCK AND CO.	1	2	2
SECURITY PACIFIC CORP.	0	4	2
SHELL OIL COMPANY	0	1	1
SOUTHERN COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	9	6
SOUTHERN RAILWAY COMPANY	1	0	0
STANDARD OIL COMPANY OF CALIFORNIA	0	2	2
STANDARD OIL COMPANY OF INDIANA	0	2	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	3	3
TRAVELERS INSURANCE COMPANY	0	6	3
UAL, INC.	0	4	4
UNION CARBIDE CORPORATION	1	7	5
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	6	6
UNITED STATES STEEL CORPORATION	0	15	9
WELLS FARGO AND COMPANY	0	4	2
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	1	3	2
WESTINGHOUSE ELECTRIC CORPORATION	0	8	8
WOOLWORTH, F. W., CO.	0	3	2
TOTALS FOR 98 INTERLOCKED COMPANIES	27	505	364
NATIONAL DETROIT CORPORATION	DIRECT	INDIRECT	INTERMEDIATE
AMERICAN AIR LINES, INC.	ROUTES	ROUTES	COMPANIES
	1	6	3

AMERICAN ELECTRIC POWER COMPANY, INC.	0	3	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	7	3
BANKAMERICA CORPORATION	0	2	1
BANKERS TRUST NEW YORK CORP	0	7	3
BETHLEHEM STEEL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	2	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	10	4
CHEMICAL NEW YORK CORPORATION	0	6	4
CHRYSLER CORPORATION	2	15	7
CITICORP	0	5	2
COLUMBIA GAS SYSTEM	0	1	1
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSUMERS POWER COMPANY	3	9	4
CONTINENTAL CORPORATION, THE	0	3	2
CONTINENTAL ILLINOIS CORPORATION	0	1	1
DETROIT EDISON COMPANY	4	12	6
EASTMAN KODAK COMPANY	0	4	1
EQUITABLE LIFE ASSURANCE	0	4	1
FEDERATED DEPARTMENT STORES, INC.	0	6	3
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	2	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	3	2
GENERAL ELECTRIC COMPANY	0	4	2
GENERAL MOTORS CORP.	2	11	5
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	4	16	7
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	5	2
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	4	3
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	4	1
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MORGAN, J. P., AND CO., INC.	0	6	1
NEW YORK LIFE INSURANCE COMPANY	0	3	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	1
NORTHWEST BANCORPORATION	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	1	8	4
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	2	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
PUTNAM MANAGEMENT COMPANY, INC. (THE)	0	2	1
SANTA FE INDUSTRIES, INC.	0	3	2
SEARS, ROEBUCK AND CO.	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	3	2
TRANS WORLD AIRLINES, INC.	0	1	1
UNION CARBIDE CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	8	5
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 61 INTERLOCKED COMPANIES	17	218	119

NEW YORK LIFE INSURANCE COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	3	3
AMERICAN AIR LINES, INC.	0	4	2
AMERICAN BROADCASTING COMPANIES	0	7	4
AMERICAN ELECTRIC POWER COMPANY, INC.	1	1	1
AMERICAN EXPRESS COMPANY	0	11	5
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	17	8
ATLANTIC RICHFIELD COMPANY	1	9	7
BANKAMERICA CORPORATION	0	5	5
BETHLEHEM STEEL CORPORATION	0	3	2
BURLINGTON NORTHERN, INC.	1	1	1
CATERPILLAR TRACTOR COMPANY	0	4	3
CBS, INC.	2	7	5
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	9	6
CHEMICAL NEW YORK CORPORATION	2	18	8
CHRYSLER CORPORATION	1	8	4
CITICORP	1	7	4
COLUMBIA GAS SYSTEM	0	1	1
COMMONWEALTH EDISON	0	2	1
CONSOLIDATED EDISON CO OF NEW YORK	2	13	5
CONSUMERS POWER COMPANY	0	2	2
CONTINENTAL CORPORATION, THE	0	20	6
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CROCKER NATIONAL CORPORATION	1	2	1
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	4	3
EASTERN AIRLINES, INC.	0	4	2
EASTMAN KODAK COMPANY	0	4	4
EQUITABLE LIFE ASSURANCE	0	6	4
EXXON CORPORATION	0	4	2
FEDERATED DEPARTMENT STORES, INC.	0	7	5

FIRST BANK SYSTEM, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	5	3
FORD MOTOR CO.	0	4	3
GENERAL ELECTRIC COMPANY	0	12	6
GENERAL MOTORS CORP.	0	7	4
GOODYEAR TIRE AND RUBBER COMPANY	0	8	5
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	16	9
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	1	3	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KRESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	3	21	11
MARINE MIDLAND BANKS, INC.	0	3	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	17	12
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	3	2
MORGAN, J. P., AND CO., INC.	1	6	5
NATIONAL DETROIT CORPORATION	0	3	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PACIFIC GAS AND ELECTRIC COMPANY	0	5	3
PAN AMERICAN WORLD AIRWAYS, INC.	1	6	4
PENNEY, J. C., CO., INC.	0	5	4
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	5	4
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	1	1
RCA CORP.	0	4	3
SAFeway STORES, INC.	0	2	1
SANTA FE INDUSTRIES, INC.	0	3	3
SEABOARD COAST LINE INDUSTRIES, INC.	0	6	3
SEARS, ROEBUCK AND CO.	0	10	7
SECURITY PACIFIC CORP.	0	4	4
SOUTHERN CALIFORNIA EDISON COMPANY	0	4	2
SOUTHERN COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	2	5	3
SOUTHERN RAILWAY COMPANY	0	6	5
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
STANDARD OIL COMPANY OF INDIANA	0	3	2
TENNECO, INC.	0	2	1
TRANS WORLD AIRLINES, INC.	0	2	1
UAL, INC.	0	2	1
UNION CARBIDE CORPORATION	1	12	6
UNION OIL COMPANY OF CALIFORNIA	0	4	3
UNION PACIFIC CORPORATION	0	10	4
UNITED STATES STEEL CORPORATION	0	7	4
VEPCO	0	1	1
WELLS FARGO AND COMPANY	0	2	1
WESTERN BANCORPORATION	0	4	2
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	1	10	5
WOOLWORTH, F. W., CO.	0	3	2
TOTALS FOR 88 INTERLOCKED COMPANIES	22	448	278

NORFOLK AND WESTERN RAILWAY COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	1	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	6	4
CITICORP	0	2	1
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
DETROIT EDISON COMPANY	0	2	1
EASTMAN KODAK COMPANY	0	2	1
EQUITABLE LIFE ASSURANCE	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	2	2
GENERAL ELECTRIC COMPANY	0	4	3
GENERAL MOTORS CORP.	1	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
GULF OIL CORPORATION	0	4	3
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	5	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
INVESTORS DIVERSIFIED SERVICES, INC.	0	1	1
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	1	7	3
METROPOLITAN LIFE INSURANCE COMPANY	0	5	4
MOBIL CORPORATION	0	2	2
MORGAN, J. P., AND CO., INC.	0	4	2
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	1
SANTA FE INDUSTRIES, INC.	0	2	2

SOUTHERN PACIFIC COMPANY	0	2	2
STANDARD OIL COMPANY OF INDIANA	0	1	1
TENNECO, INC.	0	1	1
UAL, INC.	0	2	2
UNITED STATES STEEL CORPORATION	0	3	2
VEPCO	0	1	1
WELLS FARGO AND COMPANY	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	3	3
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 44 INTERLOCKED COMPANIES	2	92	72

NORTHEAST UTILITIES	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	4	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	1
BANKERS TRUST NEW YORK CORP	0	1	1
CHARTER NEW YORK CORP.	1	2	2
CITICORP	0	4	2
COLUMBIA GAS SYSTEM	0	1	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	3	2
EASTMAN KODAK COMPANY	0	1	1
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST NATIONAL BOSTON CORP.	0	2	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	1	1
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	3	1
GOODYEAR TIRE AND RUBBER COMPANY	0	3	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	1	0	0
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MORGAN, J. P., AND CO., INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PENNEY, J. C., CO., INC.	0	1	1
RCA CORP.	0	1	1
SEARS, ROEBUCK AND CO.	0	1	1
SHELL OIL COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
TRAVELERS INSURANCE COMPANY	0	5	2
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WOOLWORTH, F. W., CO.	0	2	1
TOTALS FOR 34 INTERLOCKED COMPANIES	2	54	38

NORTHWEST AIRLINES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
ATLANTIC RICHFIELD COMPANY	0	4	3
BANKAMERICA CORPORATION	0	1	1
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	6	3
CATERPILLAR TRACTOR COMPANY	0	6	3
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	1	6	6
CHEMICAL NEW YORK CORPORATION	0	4	3
CHRYSLER CORPORATION	0	2	1
CITICORP	0	2	2
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSUMERS POWER COMPANY	0	2	1
CONTINENTAL CORPORATION, THE	0	2	1
CONTINENTAL ILLINOIS CORPORATION	0	2	1
CROCKER NATIONAL CORPORATION	0	1	1
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	2	2
FEDERATED DEPARTMENT STORES, INC.	0	3	2
FIRST BANK SYSTEM, INC.	2	7	5
FIRST CHARTER FINANCIAL CORP.	0	2	1
FIRST CHICAGO CORPORATION	0	8	5
FIRST NATIONAL BOSTON CORP.	0	2	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	6	3
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	3	3
INTERNATIONAL HARVESTER COMPANY	0	6	4
KROGER COMPANY, THE	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	1	1
MELLON NATIONAL CORPORATION	0	3	3
METROPOLITAN LIFE INSURANCE COMPANY	1	4	3
MORGAN, J. P., AND CO., INC.	0	1	1
NORTHWEST BANCORPORATION	1	4	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1

PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PHILADELPHIA ELECTRIC COMPANY	0	1	1
PHILLIPS PETROLEUM COMPANY	1	0	0
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	1
RCA CORP.	0	2	2
SEARS, ROEBUCK AND CO.	0	2	2
STANDARD OIL COMPANY OF INDIANA	0	1	1
TENNECO, INC.	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	3	2
UNITED STATES STEEL CORPORATION	1	4	4

TOTALS FOR 54 INTERLOCKED COMPANIES	7	134	101
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NORTHWEST BANCORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	1	5	3
CATERPILLAR TRACTOR COMPANY	0	1	1
CHASE MANHATTAN CORP.	0	3	3
COMMONWEALTH EDISON	0	1	1
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	5	3
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	1	1
FIRST BANK SYSTEM, INC.	0	10	7
FIRST CHICAGO CORPORATION	0	5	4
FIRST NATIONAL BOSTON CORP.	0	1	1
GENERAL MOTORS CORP.	0	3	3
INTERNATIONAL HARVESTER COMPANY	1	2	2
KRESGE, S. S., COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MORGAN, J. P., AND CO., INC.	0	1	1
NATIONAL DETROIT CORPORATION	0	2	2
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	1	4	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	1	1	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
SANTA FE INDUSTRIES, INC.	0	1	1
SOUTHERN PACIFIC COMPANY	0	1	1
TENNECO, INC.	1	0	0
UAL, INC.	0	1	1
UNITED STATES STEEL CORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
TOTALS FOR 38 INTERLOCKED COMPANIES	5	68	58

NORTHWESTERN MUTUAL LIFE INSURANCE CO	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AHManson, H. F., AND COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	4	4
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	3	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	5	5
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	2	1
BANKERS TRUST NEW YORK CORP	0	7	6
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	3	3
CATERPILLAR TRACTOR COMPANY	0	2	2
CHARTER NEW YORK CORP.	0	4	3
CHASE MANHATTAN CORP.	0	5	3
CHEMICAL NEW YORK CORPORATION	0	5	4
CHRYSLER CORPORATION	0	5	4
CITICORP	0	11	7
COMMONWEALTH EDISON	0	2	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSUMERS POWER COMPANY	1	5	4
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL ILLINOIS CORPORATION	0	6	4
CONTINENTAL OIL COMPANY	0	3	2
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	7	3
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	4	3
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	3	2
FEDERATED DEPARTMENT STORES, INC.	0	3	3
FIRST CHICAGO CORPORATION	0	4	3
FORD MOTOR CO.	0	2	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	1	8	7
GENERAL PUBLIC UTILITIES CORP.	0	1	1

GOODYEAR TIRE AND RUBBER COMPANY	0	6	3
GULF OIL CORPORATION	0	9	4
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	2
INTERNATIONAL HARVESTER COMPANY	0	3	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	1	5	3
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	7	4
MARINE MIDLAND BANKS, INC.	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	1	7	3
METROPOLITAN LIFE INSURANCE COMPANY	0	12	8
MISSOURI PACIFIC CORPORATION	0	4	2
MOBIL CORPORATION	0	2	2
MORCAN, J. P., AND CO., INC.	0	5	2
NATIONAL DETROIT CORPORATION	1	8	4
NEW YORK LIFE INSURANCE COMPANY	0	2	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	2
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWEST BANCORPORATION	1	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PENNEY, J. C., CO., INC.	0	4	3
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	5	4
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	2	1
SANTA FE INDUSTRIES, INC.	0	3	3
SEARS, ROEBUCK AND CO.	0	3	3
SECURITY PACIFIC CORP.	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	3	3
STANDARD OIL COMPANY OF INDIANA	0	1	1
TENNECO, INC.	0	2	2
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	0	4	2
UNION CARBIDE CORPORATION	0	3	3
UNITED STATES STEEL CORPORATION	0	12	8
WESTERN BANCORPORATION	0	2	2
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	3	3
TOTALS FOR 81 INTERLOCKED COMPANIES	7	258	191

OCCIDENTAL PETROLEUM CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
BANKAMERICA CORPORATION	1	0	0
CHRYSLER CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TRANSAMERICA CORPORATION	1	0	0
UAL, INC.	0	1	1
UNION OIL COMPANY OF CALIFORNIA	0	1	1
WELLS FARGO AND COMPANY	0	1	1
TOTALS FOR 12 INTERLOCKED COMPANIES	2	10	10

PACIFIC GAS AND ELECTRIC COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AHMANSON, H. F., AND COMPANY	0	1	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	1
AMERICAN EXPRESS COMPANY	0	8	1
ATLANTIC RICHFIELD COMPANY	0	3	2
BANKAMERICA CORPORATION	1	3	2
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHARTER NEW YORK CORP.	0	3	3
CHASE MANHATTAN CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	2	1
CHRYSLER CORPORATION	0	1	1
CITICORP	0	4	3
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	4	4
CONSOLIDATED FREIGHTWAYS, INC.	0	5	3
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	1	9	4
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	2	1
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	3	2
FIRST NATIONAL BOSTON CORP.	0	2	1
FORD MOTOR CO.	0	3	2
GENERAL ELECTRIC COMPANY	0	3	3

GENERAL MOTORS CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	2
INTERNATIONAL HARVESTER COMPANY	0	2	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	2	2
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MOBIL CORPORATION	0	2	1
MORGAN, J. P., AND CO., INC.	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	5	3
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
RCA CORP.	0	1	1
SAFeway STORES, INC.	1	7	4
SEARS, ROEBUCK AND CO.	0	1	1
SECURITY PACIFIC CORP.	0	4	3
SHELL OIL COMPANY	1	2	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	3	2
SOUTHERN PACIFIC COMPANY	1	2	2
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TENNECO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	1	2	2
UNION CARBIDE CORPORATION	0	2	1
UNION OIL COMPANY OF CALIFORNIA	0	3	2
UNION PACIFIC CORPORATION	0	5	3
UNITED STATES STEEL CORPORATION	0	1	1
WELLS FARGO AND COMPANY	1	5	4
WESTERN BANCORPORATION	0	3	3
TOTALS FOR 69 INTERLOCKED COMPANIES	8	151	112

PAN AMERICAN WORLD AIRWAYS, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	3	2
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	1	2	2
AMERICAN EXPRESS COMPANY	0	4	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	4	2
ATLANTIC RICHFIELD COMPANY	2	6	5
BANKAMERICA CORPORATION	1	1	1
BANKERS TRUST NEW YORK CORP	0	3	2
BRANIFF INTERNATIONAL CORPORATION	0	4	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	6	3
CBS, INC.	2	2	2
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	0	4	3
CHEMICAL NEW YORK CORPORATION	0	13	6
CHRYSLER CORPORATION	0	3	3
CITICORP	0	10	5
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	5	3
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL ILLINOIS CORPORATION	0	2	1
CONTINENTAL OIL COMPANY	0	4	2
CROCKER NATIONAL CORPORATION	0	1	1
DUKE POWER CO	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	5	2
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	2	2
EXXON CORPORATION	0	2	1
FEDERATED DEPARTMENT STORES, INC.	0	3	3
FIRST CHICAGO CORPORATION	0	9	3
FIRST NATIONAL BOSTON CORP.	0	9	3
FORD MOTOR CO.	0	5	4
GENERAL ELECTRIC COMPANY	0	2	2
GENERAL MOTORS CORP.	0	2	1
GENERAL PUBLIC UTILITIES CORP.	0	2	2
GOODYEAR TIRE AND RUBBER COMPANY	1	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	1	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	2	6	4
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	3	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	10	3
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	9	5
MARINE MIDLAND BANKS, INC.	1	2	2
MELLON NATIONAL CORPORATION	0	5	3
METROPOLITAN LIFE INSURANCE COMPANY	0	10	5
MOBIL CORPORATION	0	5	3
MORGAN, J. P., AND CO., INC.	0	3	2

NEW YORK LIFE INSURANCE COMPANY	1	6	4
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PENNEY, J. C., CO., INC.	0	1	1
PROCTER AND GAMBLE COMPANY	0	2	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	1	1
RCA CORP.	0	6	5
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	1	1
SECURITY PACIFIC CORP.	1	3	2
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	6	4
SOUTHERN PACIFIC COMPANY	0	7	5
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	2	2
UNION OIL COMPANY OF CALIFORNIA	0	2	2
UNION PACIFIC CORPORATION	0	5	2
UNITED STATES STEEL CORPORATION	0	3	2
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2
TOTALS FOR 77 INTERLOCKED COMPANIES	13	251	164

PENN CENTRAL COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
TOTALS FOR 0 INTERLOCKED COMPANIES	0	0	0

PENNEY, J. C., CO., INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	3	2
AMERICAN BROADCASTING COMPANIES	0	2	1
AMERICAN EXPRESS COMPANY	0	11	5
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	2	10	7
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKERS TRUST NEW YORK CORP	2	5	5
BETHLEHEM STEEL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	2	1
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	7	5
CHEMICAL NEW YORK CORPORATION	0	9	6
CHRYSLER CORPORATION	0	7	5
CITICORP	2	9	7
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSUMERS POWER COMPANY	0	2	1
CONTINENTAL CORPORATION, THE	0	7	4
CONTINENTAL ILLINOIS CORPORATION	0	4	3
CONTINENTAL OIL COMPANY	0	7	4
DUPONT, E. I., DE NEMOURS AND CO.	0	5	3
EASTERN AIRLINES, INC.	0	3	3
EASTMAN KODAK COMPANY	1	4	3
EQUITABLE LIFE ASSURANCE	0	4	3
EXXON CORPORATION	0	7	3
FEDERATED DEPARTMENT STORES, INC.	0	8	6
FIRST CHICAGO CORPORATION	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	4	2
GENERAL ELECTRIC COMPANY	1	6	6
GENERAL MOTORS CORP.	0	15	7
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	5	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	11	4
INTERNATIONAL HARVESTER COMPANY	0	3	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	1
KRESGE, S. S., COMPANY	0	2	2
MANUFACTURERS HANOVER CORPORATION	0	13	8
MARINE MIDLAND BANKS, INC.	0	3	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	2	1
MELLON NATIONAL CORPORATION	0	1	1
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	6	4
MOBIL CORPORATION	0	12	7
MORGAN, J. P., AND CO., INC.	0	8	6
NEW YORK LIFE INSURANCE COMPANY	0	5	4
NORTHEAST UTILITIES	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	4	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PROCTER AND GAMBLE COMPANY	0	5	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	10	7
RCA CORP.	0	2	1
SAFEWAY STORES, INC.	0	3	2
SANTA FE INDUSTRIES, INC.	0	2	1
SEARS, ROEBUCK AND CO.	0	2	1
SECURITY PACIFIC CORP.	0	2	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	1

SOUTHERN PACIFIC COMPANY	0	4	3
SOUTHERN RAILWAY COMPANY	0	4	3
STANDARD OIL COMPANY OF CALIFORNIA	0	6	2
TEXACO, INC.	0	3	2
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	1	4	2
UNION PACIFIC CORPORATION	0	7	3
UNITED STATES STEEL CORPORATION	0	8	4
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	1	2	1
WESTINGHOUSE ELECTRIC CORPORATION	0	3	2
WOOLWORTH, F. W., CO.	0	2	1
TOTALS FOR 73 INTERLOCKED COMPANIES	10	311	203

PHILADELPHIA ELECTRIC COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN STORES COMPANY	1	1	1
ATLANTIC RICHFIELD COMPANY	0	1	1
CHEMICAL NEW YORK CORPORATION	0	1	1
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	4	2
NORTHWEST AIRLINES, INC.	0	1	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
TOTALS FOR 11 INTERLOCKED COMPANIES	1	14	12

PHILLIPS PETROLEUM COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKERS TRUST NEW YORK CORP	0	1	1
BETHLEHEM STEEL CORPORATION	0	1	1
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	0	3	3
CHEMICAL NEW YORK CORPORATION	0	3	2
CITICORP	0	2	2
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSUMERS POWER COMPANY	0	2	1
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
EASTMAN KODAK COMPANY	0	1	1
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	1	1
FIRST BANK SYSTEM, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	3	3
FORD MOTOR CO.	0	4	4
GENERAL MOTORS CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	3	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	1	1
LOEWS CORPORATION	0	2	1
MELLON NATIONAL CORPORATION	0	2	2
METROPOLITAN LIFE INSURANCE COMPANY	1	3	2
MORGAN, J. P., AND CO., INC.	0	2	2
NATIONAL DETROIT CORPORATION	0	1	1
NORTHWEST AIRLINES, INC.	1	0	0
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PHILADELPHIA ELECTRIC COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	4	4
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	2	2
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 48 INTERLOCKED COMPANIES	2	75	67

PRICE (T. ROWE) ASSOCIATES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN STORES COMPANY	0	1	1
CHESSIE SYSTEM, INC.	0	3	2
TOTALS FOR 2 INTERLOCKED COMPANIES	0	4	3

PROCTER AND GAMBLE COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	6	5
AMERICAN AIR LINES, INC.	0	2	2

AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	3	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	5	4
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	6	5
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	5	4
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	0	6	5
CHEMICAL NEW YORK CORPORATION	0	7	5
CHRYSLER CORPORATION	0	1	1
CITICORP	1	9	7
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	2	2
CONTINENTAL CORPORATION, THE	0	3	3
CONTINENTAL ILLINOIS CORPORATION	0	2	2
CONTINENTAL OIL COMPANY	0	5	3
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	3	2
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	5	5
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	8	7
EQUITABLE LIFE ASSURANCE	0	5	5
EXXON CORPORATION	1	5	4
FEDERATED DEPARTMENT STORES, INC.	0	5	4
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	3	3
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	1	1	1
GENERAL ELECTRIC COMPANY	0	4	2
GENERAL MOTORS CORP.	1	13	8
GOODYEAR TIRE AND RUBBER COMPANY	2	3	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	4	3
GULF OIL CORPORATION	0	4	3
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	4
INTERNATIONAL HARVESTER COMPANY	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	3	3
KRESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	4	3
MANUFACTURERS HANOVER CORPORATION	0	5	3
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	1	9	5
METROPOLITAN LIFE INSURANCE COMPANY	1	9	7
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	3	3
MOBIL CORPORATION	0	2	2
MORGAN, J. P., AND CO., INC.	1	5	4
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	3	3
NORFOLK AND WESTERN RAILWAY COMPANY	0	3	3
NORTHWEST AIRLINES, INC.	0	3	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	5	4
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	1
PENNEY, J. C., CO., INC.	0	5	3
PHILADELPHIA ELECTRIC COMPANY	0	1	1
PHILLIPS PETROLEUM COMPANY	0	4	4
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
RCA CORP.	0	3	3
SANTA FE INDUSTRIES, INC.	0	2	2
SEARS, ROEBUCK AND CO.	0	4	4
SECURITY PACIFIC CORP.	0	2	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	3	2
SOUTHERN RAILWAY COMPANY	0	4	3
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
TEXACO, INC.	0	2	2
TRANS WORLD AIRLINES, INC.	1	0	0
UAL, INC.	0	6	5
UNION CARBIDE CORPORATION	0	4	3
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	1	6	5
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	2	2
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	4	4
TOTALS FOR 83 INTERLOCKED COMPANIES	12	274	226

PRUDENTIAL INSURANCE CO. OF AMERICA	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	2
AMERICAN EXPRESS COMPANY	0	5	4
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	10	6
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	2	2
BANKERS TRUST NEW YORK CORP	1	8	5
BETHLEHEM STEEL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	4	3
CATERPILLAR TRACTOR COMPANY	0	3	3
CBS, INC.	0	1	1

CHARTER NEW YORK CORP.	0	8	6
CHASE MANHATTAN CORP.	0	10	6
CHEMICAL NEW YORK CORPORATION	0	9	7
CHRYSLER CORPORATION	0	4	4
CITICORP	0	14	10
COLUMBIA GAS SYSTEM	0	1	1
CONSUMERS POWER COMPANY	0	2	2
CONTINENTAL CORPORATION, THE	0	15	8
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	3	3
CROCKER NATIONAL CORPORATION	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	3	3
EQUITABLE LIFE ASSURANCE	0	5	4
EXXON CORPORATION	1	0	0
FEDERATED DEPARTMENT STORES, INC.	0	3	3
FIRST BANK SYSTEM, INC.	0	3	3
FIRST CHICAGO CORPORATION	0	2	2
FORD MOTOR CO.	0	3	3
GENERAL ELECTRIC COMPANY	1	7	5
GENERAL MOTORS CORP.	0	8	4
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	4
INTERNATIONAL HARVESTER COMPANY	0	4	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
INVESTORS DIVERSIFIED SERVICES, INC.	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KRESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	8	6
MARINE MIDLAND BANKS, INC.	0	3	3
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	6	5
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	6	5
MORGAN, J. P., AND CO., INC.	1	4	2
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	5	4
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	1
NORTHWEST AIRLINES, INC.	0	2	1
NORTHWEST BANCORPORATION	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	10	7
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	3	3
PUBLIC SERVICE ELECTRIC AND GAS CO.	2	6	5
RCA CORP.	0	5	3
SAFEWAY STORES, INC.	0	2	2
SANTA FE INDUSTRIES, INC.	0	4	3
SEARS, ROEBUCK AND CO.	0	2	2
SECURITY PACIFIC CORP.	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	4	2
SOUTHERN PACIFIC COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	1	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	3	3
UNION OIL COMPANY OF CALIFORNIA	0	2	1
UNION PACIFIC CORPORATION	0	2	2
UNITED STATES STEEL CORPORATION	0	7	4
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	4	3
WESTERN ELECTRIC CO., INC.	1	3	3
WOOLWORTH, F. W., CO.	0	8	5
TOTALS FOR 81 INTERLOCKED COMPANIES	9	282	217

	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
PUBLIC SERVICE ELECTRIC AND GAS CO.			
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	5	2
BANKERS TRUST NEW YORK CORP	0	2	1
CHARTER NEW YORK CORP.	0	6	1
CHASE MANHATTAN CORP.	0	8	2
CHEMICAL NEW YORK CORPORATION	0	4	2
CHRYSLER CORPORATION	0	3	1
CITICORP	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	4	2
CONTINENTAL CORPORATION, THE	3	7	4
EXXON CORPORATION	0	2	1
FEDERATED DEPARTMENT STORES, INC.	0	3	1
GENERAL ELECTRIC COMPANY	0	2	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	12	1
MARINE MIDLAND BANKS, INC.	0	3	1
METROPOLITAN LIFE INSURANCE COMPANY	0	3	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	6	3

NEW YORK LIFE INSURANCE COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	2	6	5
PCA CORP.	0	3	1
SAFEWAY STORES, INC.	0	2	1
SOUTHERN RAILWAY COMPANY	0	3	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
TRANS WORLD AIRLINES, INC.	0	3	1
UNION CARBIDE CORPORATION	0	6	1
UNITED STATES STEEL CORPORATION	0	3	1
WESTERN ELECTRIC CO., INC.	0	3	2
TOTALS FOR 31 INTERLOCKED COMPANIES	5	108	45

PUTNAM MANAGEMENT COMPANY, INC. (THE)	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
CHEMICAL NEW YORK CORPORATION	0	2	1
COMMONWEALTH EDISON	0	2	1
CONTINENTAL ILLINOIS CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	2	1
GENERAL MOTORS CORP.	0	2	1
MERRILL LYNCH AND COMPANY, INC.	0	2	1
NATIONAL DETROIT CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	2	1
TOTALS FOR 8 INTERLOCKED COMPANIES	0	15	8

PCA CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	3	2
AMERICAN AIR LINES, INC.	0	2	2
AMERICAN BROADCASTING COMPANIES	0	2	3
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	3	2
ATLANTIC RICHFIELD COMPANY	1	7	3
BANKAMERICA CORPORATION	0	1	1
BETHLEHEM STEEL CORPORATION	0	2	2
CATERPILLAR TRACTOR COMPANY	0	3	2
CBS, INC.	0	2	2
CHARTER NEW YORK CORP.	1	9	4
CHASE MANHATTAN CORP.	0	8	5
CHEMICAL NEW YORK CORPORATION	0	6	5
CHRYSLER CORPORATION	0	3	2
CITICORP	1	9	5
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONTINENTAL CORPORATION, THE	0	6	2
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EASTMAN KODAK COMPANY	0	8	7
EQUITABLE LIFE ASSURANCE	0	2	2
EXXON CORPORATION	0	3	2
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	4	2
FIRST NATIONAL BOSTON CORP.	0	2	2
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	5	4
GENERAL MOTORS CORP.	0	6	3
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	3	1
GOODYEAR TIRE AND RUBBER COMPANY	0	3	3
GULF OIL CORPORATION	0	2	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	4	3
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
MANUFACTURERS HANOVER CORPORATION	0	5	4
MARINE MIDLAND BANKS, INC.	1	1	1
MELLON NATIONAL CORPORATION	0	3	3
METROPOLITAN LIFE INSURANCE COMPANY	1	10	5
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	4	4
NEW YORK LIFE INSURANCE COMPANY	0	4	3
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	6	5
PENNEY, J. C., CO., INC.	0	2	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	3	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	5	3
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	1
SAFEWAY STORES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	3	3
SECURITY PACIFIC CORP.	1	5	1
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	3	1
SOUTHERN PACIFIC COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
TRANSAMERICA CORPORATION	0	2	1

UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	6	4
UNION PACIFIC CORPORATION	0	6	4
UNITED STATES STEEL CORPORATION	1	12	5
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	2	2
WOOLWORTH, F. W., CO.	0	2	1

TOTALS FOR 74 INTERLOCKED COMPANIES	7	230	159
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SAFeway STORES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	3	3
BANKERS TRUST NEW YORK CORP	0	4	3
CATERPILLAR TRACTOR COMPANY	0	3	3
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	4	3
CHRYSLER CORPORATION	0	3	3
CITICORP	0	4	3
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1
CONSOLIDATED FREIGHTWAYS, INC.	1	3	2
CONTINENTAL CORPORATION, THE	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
EASTERN AIRLINES, INC.	0	2	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	5	3
GENERAL ELECTRIC COMPANY	1	7	3
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	2	2
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MIDDLE SOUTH UTILITIES, INC.	0	2	2
MOBIL CORPORATION	0	4	3
MORGAN, J. P., AND CO., INC.	0	3	1
NEW YORK LIFE INSURANCE COMPANY	0	2	1
PACIFIC GAS AND ELECTRIC COMPANY	1	7	4
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	3	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	2	1
RCA CORP.	0	1	1
SECURITY PACIFIC CORP.	1	1	1
SHELL OIL COMPANY	1	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	4	2
SOUTHERN PACIFIC COMPANY	1	5	4
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TENNECO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	2	2
TRANSAMERICA CORPORATION	0	2	1
UAL, INC.	0	3	2
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	1	1
WELLS FARGO AND COMPANY	2	4	4
WESTERN BANCORPORATION	0	2	2
TOTALS FOR 52 INTERLOCKED COMPANIES	8	115	90

SANTA FE INDUSTRIES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	3	3
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	1	0	0
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	5	3
ATLANTIC RICHFIELD COMPANY	0	6	4
BANKAMERICA CORPORATION	0	3	3
BANKERS TRUST NEW YORK CORP	0	3	2
BETHLEHEM STEEL CORPORATION	1	1	1
BURLINGTON NORTHERN, INC.	0	3	3
CATERPILLAR TRACTOR COMPANY	0	3	2
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	3	2
CHASE MANHATTAN CORP.	0	2	1
CITICORP	0	4	3
COMMONWEALTH EDISON	0	7	4
CONSUMERS POWER COMPANY	0	2	1
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL ILLINOIS CORPORATION	0	3	2
CROCKER NATIONAL CORPORATION	0	1	1
DETROIT EDISON COMPANY	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	3	3
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	7	5
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST BANK SYSTEM, INC.	0	2	2
FIRST CHICAGO CORPORATION	1	5	4

FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	5	3
GENERAL MOTORS CORP.	1	7	4
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HARVESTER COMPANY	1	9	6
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KFESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	3	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	9	7
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	1	5	3
NATIONAL DETROIT CORPORATION	0	3	2
NEW YORK LIFE INSURANCE COMPANY	0	3	3
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	2
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	2	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	4	3
SEARS, ROEBUCK AND CO.	0	5	4
SOUTHERN CALIFORNIA EDISON COMPANY	0	3	1
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	2	2
UAL, INC.	0	3	2
UNION CARBIDE CORPORATION	0	2	2
UNION OIL COMPANY OF CALIFORNIA	1	1	1
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	5	3
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	2	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	4	1
TOTALS FOR 68 INTERLOCKED COMPANIES	9	180	134

SEABOARD COAST LINE INDUSTRIES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN EXPRESS COMPANY	0	3	2
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKERS TRUST NEW YORK CORP	0	2	1
BRANIFF INTERNATIONAL CORPORATION	0	3	3
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	0	1	1
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	1	5	4
CHESSIE SYSTEM, INC.	0	1	1
CITICORP	0	4	1
CONSOLIDATED EDISON CO OF NEW YORK	0	4	2
CONTINENTAL CORPORATION, THE	0	3	3
DUKE POWER CO	1	3	3
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTERN AIRLINES, INC.	0	3	2
EXXON CORPORATION	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	2	2
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	3	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KROGER COMPANY, THE	0	3	2
MANUFACTURERS HANOVER CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	3	2
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	6	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	2	2
SHELL OIL COMPANY	0	1	1
SOUTHERN COMPANY	3	9	4
SOUTHERN PACIFIC COMPANY	0	2	1
STANDARD OIL COMPANY OF INDIANA	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	3	2
UNION CARBIDE CORPORATION	0	5	2
UNION PACIFIC CORPORATION	0	5	4
UNITED STATES STEEL CORPORATION	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	1	1
TOTALS FOR 45 INTERLOCKED COMPANIES	5	103	75

SEARS, ROEBUCK AND CO.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
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AETNA LIFE AND CASUALTY COMPANY	0	7	5
AMERICAN AIR LINES, INC.	1	1	1
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN EXPRESS COMPANY	0	8	6
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	10	6
ATLANTIC RICHFIELD COMPANY	0	9	4
BANKERS TRUST NEW YORK CORP	0	3	2
BETHLEHEM STEEL CORPORATION	0	8	6
BURLINGTON NORTHERN, INC.	0	3	2
CATERPILLAR TRACTOR COMPANY	0	9	5
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	0	2	2
CHASE MANHATTAN CORP.	1	3	3
CHEMICAL NEW YORK CORPORATION	1	20	5
CHRYSLER CORPORATION	0	4	2
CITICORP	1	4	4
COMMONWEALTH EDISON	2	26	5
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	3	2
CONTINENTAL CORPORATION, THE	0	9	5
CONTINENTAL ILLINOIS CORPORATION	1	25	7
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	1	13	3
DETROIT EDISON COMPANY	0	2	2
DUPONT, E. I., DE NEMOURS AND CO.	0	4	4
EASTERN AIRLINES, INC.	0	5	3
EASTMAN KODAK COMPANY	0	6	6
EQUITABLE LIFE ASSURANCE	0	5	4
EXXON CORPORATION	0	5	4
FEDERATED DEPARTMENT STORES, INC.	0	4	4
FIRST BANK SYSTEM, INC.	0	3	2
FIRST CHICAGO CORPORATION	2	31	7
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOF CO.	0	3	3
GENERAL ELECTRIC COMPANY	0	11	7
GENERAL MOTORS CORP.	0	14	7
GOODYEAR TIRE AND RUBBER COMPANY	0	3	3
INTERNATIONAL BUSINESS MACHINES CORP.	0	10	8
INTERNATIONAL HARVESTER COMPANY	0	10	5
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	1	4	3
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	14	11
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	3	3
MORGAN, J. P., AND CO., INC.	1	2	2
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	10	7
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	0	2	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	3
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	2	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	4	4
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
RCA CORP.	0	3	3
SANTA FE INDUSTRIES, INC.	0	5	4
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	2
SOUTHERN COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	2	2
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
STANDARD OIL COMPANY OF INDIANA	0	11	7
TRANS WORLD AIRLINES, INC.	0	1	1
TRAVELERS INSURANCE COMPANY	0	6	2
UAL, INC.	0	5	2
UNION CARBIDE CORPORATION	0	5	4
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	1	6	6
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	5	4
TOTALS FOR 76 INTERLOCKED COMPANIES	13	408	245

SECURITY PACIFIC CORP.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AHMANSON, H. F., AND COMPANY	0	3	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	2
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	3	1
ATLANTIC RICHFIELD COMPANY	1	4	3
BANKAMERICA CORPORATION	0	8	6
BANKERS TRUST NEW YORK CORP	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	0	5	3
CHARTER NEW YORK CORP.	0	3	3
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	3	3
CITICORP	0	5	4
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1

CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CROCKER NATIONAL CORPORATION	0	3	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	2	2
FIRST CHICAGO CORPORATION	0	3	1
FIRST NATIONAL BOSTON CORP.	0	1	1
GENERAL ELECTRIC COMPANY	1	0	0
GOODYEAR TIRE AND RUBBER COMPANY	1	2	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	4	4
GREAT WESTERN FINANCIAL CORPORATION	0	2	2
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	2	2
MARINE MIDLAND BANKS, INC.	0	2	2
MELLON NATIONAL CORPORATION	0	5	2
METROPOLITAN LIFE INSURANCE COMPANY	0	6	6
MOBIL CORPORATION	0	2	1
MORGAN, J. P., AND CO., INC.	0	4	2
NEW YORK LIFE INSURANCE COMPANY	0	4	4
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	4	3
PAN AMERICAN WORLD AIRWAYS, INC.	1	3	2
PENNEY, J. C., CO., INC.	0	2	2
PROCTER AND GAMBLE COMPANY	0	2	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	1	5	1
SAFEGWAY STORES, INC.	1	1	1
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	3	7	5
SOUTHERN PACIFIC COMPANY	0	6	5
SOUTHERN RAILWAY COMPANY	0	2	1
TRANS WORLD AIRLINES, INC.	0	1	1
UNION OIL COMPANY OF CALIFORNIA	0	3	2
UNION PACIFIC CORPORATION	1	0	0
UNITED STATES STEEL CORPORATION	0	2	2
WELLS FARGO AND COMPANY	0	3	2
WESTERN BANCORPORATION	0	15	5
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
TOTALS FOR 57 INTERLOCKED COMPANIES	10	156	113

SHELL OIL COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN EXPRESS COMPANY	0	8	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	2
ATLANTIC RICHFIELD COMPANY	0	1	1
BANFAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	2	2
CATERPILLAR TRACTOR COMPANY	1	3	2
CHARTER NEW YORK CORP.	1	0	0
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	4	3
CHESIE SYSTEM, INC.	0	1	1
CHRYSLER CORPORATION	0	1	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED FREIGHTWAYS, INC.	0	3	3
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	2	1
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	3	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	1	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	6	5
MANUFACTURERS HANOVER CORPORATION	0	3	3
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	1	1
MELLON NATIONAL CORPORATION	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	2	2
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MOBIL CORPORATION	0	3	2
MORGAN, J. P., AND CO., INC.	0	1	1
NORTHEAST UTILITIES	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	1	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
RCA CORP.	0	1	1
SAFEGWAY STORES, INC.	1	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SECURITY PACIFIC CORP.	0	1	1
SOUTHERN PACIFIC COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	2	1
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	8	5
WELLS FARGO AND COMPANY	0	4	3
WESTERN ELECTRIC CO., INC.	0	1	1

WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	0	2	1
TOTALS FOR 51 INTERLOCKED COMPANIES	4	97	78

SOUTHERN CALIFORNIA EDISON COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AHMANNSON, H. F., AND COMPANY	0	2	1
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	4	2
ATLANTIC RICHFIELD COMPANY	0	8	4
BANKAMERICA CORPORATION	1	6	4
BANKERS TRUST NEW YORK CORP	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	1	1
CHEMICAL NEW YORK CORPORATION	0	3	2
CHRYSLER CORPORATION	0	2	2
CITICORP	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	3	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	2
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
GENERAL ELECTRIC COMPANY	0	3	1
GENERAL MOTORS CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	5	3
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GREAT WESTERN FINANCIAL CORPORATION	0	3	3
INTERNATIONAL HARVESTER COMPANY	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	2	1
MELLON NATIONAL CORPORATION	0	2	1
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MOBIL CORPORATION	0	2	2
NEW YORK LIFE INSURANCE COMPANY	0	4	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	3	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	6	4
PENNEY, J. C., CO., INC.	0	2	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	4	2
RCA CORP.	0	3	1
SAFEGWAY STORES, INC.	0	4	2
SANTA FE INDUSTRIES, INC.	0	3	1
SECURITY PACIFIC CORP.	3	7	5
SOUTHERN PACIFIC COMPANY	0	6	4
SOUTHERN RAILWAY COMPANY	0	5	3
STANDARD OIL COMPANY OF CALIFORNIA	0	8	4
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	3	1
TRANSAMERICA CORPORATION	0	2	2
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	1	1
UNION OIL COMPANY OF CALIFORNIA	0	9	4
UNION PACIFIC CORPORATION	0	6	2
UNITED STATES STEEL CORPORATION	0	2	1
WESTERN BANCORPORATION	3	7	4
TOTALS FOR 55 INTERLOCKED COMPANIES	8	156	98

SOUTHERN COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
BURLINGTON NORTHERN, INC.	0	2	1
CHEMICAL NEW YORK CORPORATION	0	4	2
CITICORP	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
DUKE POWER CO	0	3	1
EASTERN AIRLINES, INC.	0	5	2
INTERNATIONAL HARVESTER COMPANY	0	1	1
KROGER COMPANY, THE	0	5	2
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MIDDLE SOUTH UTILITIES, INC.	0	2	1
MORGAN, J. P., AND CO., INC.	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	1
SEABOARD COAST LINE INDUSTRIES, INC.	3	9	4
SEARS, ROEBUCK AND CO.	0	1	1
SOUTHERN RAILWAY COMPANY	0	2	1
UNION CARBIDE CORPORATION	0	2	1
TOTALS FOR 17 INTERLOCKED COMPANIES	3	43	23

SOUTHERN PACIFIC COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	3	2
AMERICAN EXPRESS COMPANY	0	5	5
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	5	4
ATLANTIC RICHFIELD COMPANY	0	3	2

BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	4	4
BETHLEHEM STEEL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	2	1
CATERPILLAR TRACTOR COMPANY	0	2	2
CBS, INC.	0	5	2
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	6	5
CHEMICAL NEW YORK CORPORATION	0	10	5
CHRYSLER CORPORATION	0	7	5
CITICORP	1	9	6
CONSOLIDATED EDISON CO OF NEW YORK	1	4	2
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONTINENTAL CORPORATION, THE	0	6	3
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
CPOCKER NATIONAL CORPORATION	0	3	2
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	3	2
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	2	2
EXXON CORPORATION	0	2	1
FEDERATED DEPARTMENT STORES, INC.	0	3	3
FIRST CHICAGO CORPORATION	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	5	5
GENERAL ELECTRIC COMPANY	1	5	5
GENERAL MOTORS CORP.	0	4	3
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	1	5	4
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
GREAT WESTERN FINANCIAL CORPORATION	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	1	4	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	1	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	1	10	5
MELLON NATIONAL CORPORATION	0	6	5
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	7	7
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MOBIL CORPORATION	0	5	5
MORGAN, J. P., AND CO., INC.	0	9	6
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	2	5	3
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	2
NORTHEAST UTILITIES	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	1	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	7	5
PENNEY, J. C., CO., INC.	0	4	3
PROCTER AND GAMBLE COMPANY	0	3	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	1	1
SAFEGWAY STORES, INC.	1	5	4
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	1
SEARS, ROEBUCK AND CO.	0	2	2
SECURITY PACIFIC CORP.	0	6	5
SHELL OIL COMPANY	0	2	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	6	4
SOUTHERN RAILWAY COMPANY	1	3	3
STANDARD OIL COMPANY OF CALIFORNIA	0	4	3
TENNECO, INC.	1	0	0
TRANS WORLD AIRLINES, INC.	0	2	2
TRANSAMERICA CORPORATION	0	2	2
UAL, INC.	0	3	3
UNION CARBIDE CORPORATION	0	4	2
UNION OIL COMPANY OF CALIFORNIA	0	2	2
UNION PACIFIC CORPORATION	0	6	5
UNITED STATES STEEL CORPORATION	0	4	4
WELLS FARGO AND COMPANY	1	6	5
WESTERN BANCORPORATION	1	4	3
WESTINGHOUSE ELECTRIC CORPORATION	0	5	3
TOTALS FOR 82 INTERLOCKED COMPANIES	15	267	210

SOUTHERN RAILWAY COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	5	5
ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	3	2
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	2	2
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	0	1	1
CHASE MANHATTAN CORP.	0	10	6
CHEMICAL NEW YORK CORPORATION	0	2	1
CHRYSLER CORPORATION	1	2	2
CITICORP	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	0	3	3

CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	1	3	3
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	4	3
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	6	6
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	1	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	5	3
GENERAL MOTORS CORP.	0	5	2
GOODYEAR TIRE AND RUBBER COMPANY	0	2	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	4
INTERNATIONAL HARVESTER COMPANY	0	3	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	1	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	3	3
KRESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	10	5
MARINE MIDLAND BANKS, INC.	0	1	1
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	2	2
MELLON NATIONAL CORPORATION	0	3	2
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	2	2
MORGAN, J. P., AND CO., INC.	1	0	0
NATIONAL DETROIT CORPORATION	0	3	2
NEW YORK LIFE INSURANCE COMPANY	0	6	5
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	3
PACIFIC GAS AND ELECTRIC COMPANY	0	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	4	3
PROCTER AND GAMBLE COMPANY	0	4	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	1
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	1	1
SECURITY PACIFIC CORP.	0	2	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	5	3
SOUTHERN COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	1	3	3
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TENNECO, INC.	0	2	2
TEXACO, INC.	0	2	2
TRANS WORLD AIRLINES, INC.	0	4	3
UAL, INC.	0	2	1
UNION CARBIDE CORPORATION	0	6	5
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	2	2
UNITED STATES STEEL CORPORATION	0	4	3
WELLS FARGO AND COMPANY	0	2	2
WESTERN BANCORPORATION	1	1	1
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
TOTALS FOR 79 INTERLOCKED COMPANIES	7	192	156

STANDARD OIL COMPANY OF CALIFORNIA	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	1
AMERICAN BROADCASTING COMPANIES	0	2	1
AMERICAN EXPRESS COMPANY	0	3	2
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	8	6
ATLANTIC RICHFIELD COMPANY	0	2	2
BANKAMERICA CORPORATION	1	1	1
BANKERS TRUST NEW YORK CORP	0	1	1
BETHLEHEM STEEL CORPORATION	0	2	1
BURLINGTON NORTHERN, INC.	0	2	1
CATERPILLAR TRACTOR COMPANY	1	0	0
CBS, INC.	0	2	1
CHASE MANHATTAN CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	1	1
CHRYSLER CORPORATION	0	2	2
CITICORP	2	3	2
CONTINENTAL CORPOTATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CROCKER NATIONAL CORPORATION	0	2	1
DUPONT, E. I., DE NEMOURS AND CO.	0	3	2
EASTMAN KODAK COMPANY	0	2	1
EQUITABLE LIFE ASSURANCE	0	2	1
EXXON CORPORATION	0	6	3
FIRST CHICAGO CORPORATION	0	2	1
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	3	2
GENERAL ELECTRIC COMPANY	0	3	2
GENERAL MOTORS CORP.	0	4	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	2

INTERNATIONAL HARVESTER COMPANY	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	2	1
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	3	2
MORGAN, J. P., AND CO., INC.	0	2	2
NEW YORK LIFE INSURANCE COMPANY	0	3	2
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	6	2
PROCTER AND GAMBLE COMPANY	0	3	2
PRUDENTIAL INSURANCE CO. OF AMERICA	1	1	1
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	2	1
RCA CORP.	0	2	1
SAFEGWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	3	2
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	8	4
SOUTHERN PACIFIC COMPANY	0	4	3
SOUTHERN RAILWAY COMPANY	0	1	1
TRANS WORLD AIRLINES, INC.	1	1	1
TRANSAMERICA CORPORATION	0	1	1
UAL, INC.	0	2	2
UNION OIL COMPANY OF CALIFORNIA	0	3	2
UNION PACIFIC CORPORATION	0	5	2
UNITED STATES STEEL CORPORATION	0	4	2
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	1	4	3
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	2	1
TOTALS FOR 61 INTERLOCKED COMPANIES	7	141	92

STANDARD OIL COMPANY OF INDIANA	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN EXPRESS COMPANY	0	4	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	6	3
ATLANTIC RICHFIELD COMPANY	0	5	3
BANKERS TRUST NEW YORK CORP	0	1	1
BETHLEHEM STEEL CORPORATION	1	2	1
BURLINGTON NORTHERN, INC.	0	3	3
CATERPILLAR TRACTOR COMPANY	0	4	3
CHASE MANHATTAN CORP.	1	0	0
CHEMICAL NEW YORK CORPORATION	1	2	2
CHRYSLER CORPORATION	0	2	1
CITICORP	0	1	1
COMMONWEALTH EDISON	1	12	4
CONSOLIDATED EDISON CO OF NEW YORK	0	2	1
CONTINENTAL CORPORATION, THE	0	2	1
CONTINENTAL ILLINOIS CORPORATION	3	3	3
CONTINENTAL OIL COMPANY	0	3	1
DETROIT EDISON COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	3	3
EASTERN AIRLINES, INC.	0	2	2
EASTMAN KODAK COMPANY	0	4	2
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	2	2
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	1	12	7
GENERAL ELECTRIC COMPANY	0	4	4
GENERAL MOTORS CORP.	0	5	4
INTERNATIONAL BUSINESS MACHINES CORP.	0	8	4
INTERNATIONAL HARVESTER COMPANY	0	12	5
KROGER COMPANY, THE	0	1	1
MARINE MIDLAND BANKS, INC.	0	2	2
METROPOLITAN LIFE INSURANCE COMPANY	0	7	6
MOBIL CORPORATION	0	3	3
MORGAN, J. P., AND CO., INC.	0	2	1
NEW YORK LIFE INSURANCE COMPANY	0	3	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
SANTA FE INDUSTRIES, INC.	0	2	2
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	11	7
TRANS WORLD AIRLINES, INC.	0	3	1
UAL, INC.	0	2	1
UNION CARBIDE CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	3	3
WESTERN ELECTRIC CO., INC.	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	3	3
TOTALS FOR 48 INTERLOCKED COMPANIES	8	157	107

TENNECO, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN GENERAL CAPITAL MANAGEMENT, INC.	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CHRYSLER CORPORATION	0	1	1
CITICORP	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	1	1

CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
EASTERN AIRLINES, INC.	0	3	2
EXXON CORPORATION	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
MANUFACTURERS HANOVER CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	2	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWEST BANCORPORATION	1	0	0
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
SAFeway STORES, INC.	0	1	1
SOUTHERN PACIFIC COMPANY	1	0	0
SOUTHERN RAILWAY COMPANY	0	2	2
UNION PACIFIC CORPORATION	0	3	1
VEPCO	0	1	1
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
TOTALS FOR 28 INTERLOCKED COMPANIES	2	34	30

TEXACO, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	1	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	1	1
ATLANTIC RICHFIELD COMPANY	0	2	1
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	1	1
CATERPILLAR TRACTOR COMPANY	0	3	2
CBS, INC.	0	1	1
CHASE MANHATTAN CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	6	4
CHRYSLER CORPORATION	0	1	1
CITICORP	0	2	2
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	4	3
CROCKER NATIONAL CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EQUITABLE LIFE ASSURANCE	0	1	1
EXXON CORPORATION	0	2	2
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	3	2
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	3	2
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MISSOURI PACIFIC CORPORAION	0	1	1
MOBIL CORPORATION	0	4	3
MORGAN, J. P., AND CO., INC.	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PENNEY, J. C., CO., INC.	0	3	2
PROCTER AND GAMBLE COMPANY	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	2	2
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	1	1
UNION PACIFIC CORPORATION	0	3	3
UNITED STATES STEEL CORPORATION	0	3	2
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
TOTALS FOR 50 INTERLOCKED COMPANIES	2	79	69

TEXAS UTILITIES COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
BRANIFF INTERNATIONAL CORPORATION	0	3	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	7	1
TOTALS FOR 2 INTERLOCKED COMPANIES	0	10	2

TRANS WORLD AIRLINES, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
ARMANSON, H. F., AND COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	2	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	6	6

ATLANTIC RICHFIELD COMPANY	0	1	1
BANKAMERICA CORPORATION	0	4	4
BARNERS TRUST NEW YORK CORP	0	1	1
BETHLEHEM STEEL CORPORATION	0	1	1
CATERPILLAR TRACTOR COMPANY	1	0	0
CBS, INC.	0	1	1
CHASE MANHATTAN CORP.	0	4	3
CHEMICAL NEW YORK CORPORATION	0	6	4
CHRYSLER CORPORATION	0	2	2
CITICORP	0	6	4
COMMONWEALTH EDISON	0	3	2
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	1	1	1
CONTINENTAL ILLINOIS CORPORATION	1	4	3
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	2	1
EXXON CORPORATION	0	3	3
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	4	3
FLORIDA POWER AND LIGHT COMPANY	0	1	1
FORD MOTOR CO.	0	4	3
GENERAL MOTORS CORP.	0	1	1
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	3	2
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	2
INTERNATIONAL HARVESTER COMPANY	0	4	3
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	5	2
MELLON NATIONAL CORPORATION	0	3	3
METROPOLITAN LIFE INSURANCE COMPANY	0	2	2
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MOBILE CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	3	3
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	2	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PROCTER AND GAMBLE COMPANY	1	0	0
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	1
SAFEGWAY STORES, INC.	0	2	2
SEABOARD COAST LINE INDUSTRIES, INC.	0	3	2
SEARS, ROEBUCK AND CO.	0	1	1
SECURITY PACIFIC CORP.	0	1	1
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	3	1
SOUTHERN PACIFIC COMPANY	0	2	2
SOUTHERN RAILWAY COMPANY	0	4	3
STANDARD OIL COMPANY OF CALIFORNIA	1	1	1
STANDARD OIL COMPANY OF INDIANA	0	3	1
TEXACO, INC.	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	2	1
UNION PACIFIC CORPORATION	0	4	4
UNITED STATES STEEL CORPORATION	0	4	3
WELLS FARGO AND COMPANY	0	3	3
WESTERN BANCORPORATION	1	1	1
WESTERN ELECTRIC CO., INC.	0	1	1
WOOLWORTH, F. W., CO.	0	2	2
TOTALS FOR 72 INTERLOCKED COMPANIES	6	151	122

TRANSAMERICA CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN EXPRESS COMPANY	0	1	1
BANKAMERICA CORPORATION	0	1	1
BETHLEHEM STEEL CORPORATION	0	1	1
CITICORP	0	5	2
COMMONWEALTH EDISON	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
EASTERN AIRLINES, INC.	0	2	1
FIRST CHICAGO CORPORATION	0	2	2
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
MARINE MIDLAND BANKS, INC.	0	2	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
OCCIDENTAL PETROLEUM CORPORATION	1	0	0
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PHILLIPS PETROLEUM COMPANY	0	1	1
RCA CORP.	0	2	1
SAFEGWAY STORES, INC.	0	2	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	2
SOUTHERN PACIFIC COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
UAL, INC.	0	2	2
WELLS FARGO AND COMPANY	1	0	0
WESTERN BANCORPORATION	0	2	1

WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
TOTALS FOR 26 INTERLOCKED COMPANIES	2	37	29

TRAVELERS INSURANCE COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	15	6
AMERICAN AIR LINES, INC.	0	2	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	1	1
CHARTER NEW YORK CORP.	0	4	1
CHASE MANHATTAN CORP.	0	2	1
CHEMICAL NEW YORK CORPORATION	0	1	1
CITICORP	0	8	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	13	4
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	1	1
DELTA AIR LINES CORPORATION	1	1	1
EXXON CORPORATION	0	5	2
FEDERATED DEPARTMENT STORES, INC.	0	2	1
FIRST NATIONAL BOSTON CORP.	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	3	2
MANUFACTURERS HANOVER CORPORATION	0	2	1
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MIDDLE SOUTH UTILITIES, INC.	0	1	1
MORGAN, J. P., AND CO., INC.	0	6	3
NORTHEAST UTILITIES	0	5	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	4	2
SEARS, ROEBUCK AND CO.	0	6	2
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	2	1
TOTALS FOR 29 INTERLOCKED COMPANIES	1	93	44

UAL, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN BROADCASTING COMPANIES	0	1	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	2	2
AMERICAN STORES COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	4	4
ATLANTIC RICHFIELD COMPANY	0	7	2
BANKAMERICA CORPORATION	1	1	1
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	2	2
BURLINGTON NORTHERN, INC.	0	4	3
CATERPILLAR TRACTOR COMPANY	0	4	1
CHARTER NEW YORK CORP.	0	1	1
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	5	3
CHRYSLER CORPORATION	0	2	2
CITICORP	0	5	4
COMMONWEALTH EDISON	0	10	3
CONSOLIDATED EDISON CO OF NEW YORK	1	0	0
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL ILLINOIS CORPORATION	0	5	4
CONTINENTAL OIL COMPANY	1	3	3
CROCKER NATIONAL CORPORATION	0	2	2
DUPONT, E. I., DE NEMOURS AND CO.	1	1	1
EASTERN AIRLINES, INC.	0	2	1
EASTMAN KODAK COMPANY	0	2	2
EQUITABLE LIFE ASSURANCE	0	2	2
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	6	3
FIRST BANK SYSTEM, INC.	0	3	2
FIRST CHICAGO CORPORATION	2	10	6
FORD MOTOR CO.	0	4	3
GENERAL ELECTRIC COMPANY	0	6	3
GENERAL MOTORS CORP.	0	6	4
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	3	3
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	4
INTERNATIONAL HARVESTER COMPANY	1	4	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	1	1
MARINE MIDLAND BANKS, INC.	0	1	1
MELLON NATIONAL CORPORATION	0	6	3
METROPOLITAN LIFE INSURANCE COMPANY	1	5	4
MISSOURI PACIFIC CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	4	4
NEW YORK LIFE INSURANCE COMPANY	0	2	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	2	2
NORTHWEST AIRLINES, INC.	0	1	1
NORTHWEST BANCORPORATION	0	1	1
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	1	2	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	1	1
PHILLIPS PETROLEUM COMPANY	0	1	1

PROCTER AND GAMBLE COMPANY	0	6	5
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
RCA CORP.	0	1	1
SAFEWAY STORES, INC.	0	3	2
SANTA FE INDUSTRIES, INC.	0	3	2
SEARS, ROEBUCK AND CO.	0	5	2
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	3	3
SOUTHERN RAILWAY COMPANY	0	2	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	2
STANDARD OIL COMPANY OF INDIANA	0	2	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
TRANSAMERICA CORPORATION	0	2	2
UNION CARBIDE CORPORATION	0	2	1
UNION OIL COMPANY OF CALIFORNIA	0	1	1
UNION PACIFIC CORPORATION	0	2	1
UNITED STATES STEEL CORPORATION	0	1	1
WELLS FARGO AND COMPANY	1	4	1
WESTERN ELECTRIC CO., INC.	0	1	1
TOTALS FOR 77 INTERLOCKED COMPANIES	10	201	144

UNION CARBIDE CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	5	4
AMERICAN BROADCASTING COMPANIES	0	4	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	12	4
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	9	6
ATLANTIC RICHFIELD COMPANY	0	4	3
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	6	4
BETHLEHEM STEEL CORPORATION	0	5	3
BURLINGTON NORTHERN, INC.	0	2	2
CATERPILLAR TRACTOR COMPANY	0	3	2
CBS, INC.	0	3	2
CHARTER NEW YORK CORP.	0	3	2
CHASE MANHATTAN CORP.	1	14	8
CHEMICAL NEW YORK CORPORATION	0	13	6
CHRYSLER CORPORATION	1	11	7
CITICORP	0	7	5
COMMONWEALTH EDISON	0	2	1
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	3	2
CONSOLIDATED EDISON CO OF NEW YORK	0	9	5
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	2	11	5
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CONTINENTAL OIL COMPANY	0	3	2
CROCKER NATIONAL CORPORATION	0	3	2
DUPONT, E. I., DE NEMOURS AND CO.	0	3	3
EASTERN AIRLINES, INC.	0	1	1
EASTMAN KODAK COMPANY	0	4	3
EQUITABLE LIFE ASSURANCE	0	3	3
EXXON CORPORATION	0	4	3
FEDERATED DEPARTMENT STORES, INC.	1	8	6
FIRST CHICAGO CORPORATION	0	2	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	9	6
GENERAL MOTORS CORP.	0	15	8
GOODYEAR TIRE AND RUBBER COMPANY	0	5	3
INTERNATIONAL BUSINESS MACHINES CORP.	0	6	4
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	4	1
KRESGE, S. S., COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	2	16	8
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	2	2
MELLON NATIONAL CORPORATION	0	3	2
METROPOLITAN LIFE INSURANCE COMPANY	2	5	5
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	6	3
MORGAN, J. P., AND CO., INC.	1	7	5
NATIONAL DETROIT CORPORATION	0	2	1
NEW YORK LIFE INSURANCE COMPANY	1	12	6
NORTHWEST AIRLINES, INC.	0	3	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	3
PACIFIC GAS AND ELECTRIC COMPANY	0	2	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PENNEY, J. C., CO., INC.	1	4	2
PHILLIPS PETROLEUM COMPANY	0	2	1
PROCTER AND GAMBLE COMPANY	0	4	3
PRUDENTIAL INSURANCE CO. OF AMERICA	0	3	3
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	6	1
RCA CORP.	0	6	4
SANTA FE INDUSTRIES, INC.	0	2	2
SEABOARD COAST LINE INDUSTRIES, INC.	0	5	2
SEARS, ROEBUCK AND CO.	0	5	4
SHELL OIL COMPANY	0	2	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	1	1
SOUTHERN COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	0	4	2
SOUTHERN RAILWAY COMPANY	0	6	5
STANDARD OIL COMPANY OF INDIANA	0	1	1

TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	2	1
UAL, INC.	0	2	1
UNION PACIFIC CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	13	9
WESTERN BANCORPORATION	0	1	1
WESTERN ELECTRIC CO., INC.	0	2	2
WESTINGHOUSE ELECTRIC CORPORATION	0	6	3
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TOTALS FOR 78 INTERLOCKED COMPANIES	13	352	225

UNION OIL COMPANY OF CALIFORNIA	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	2	1
ATLANTIC RICHFIELD COMPANY	0	3	2
BANKAMERICA CORPORATION	1	1	1
BETHLEHEM STEEL CORPORATION	0	1	1
CHRYSLER CORPORATION	0	1	1
CROCKER NATIONAL CORPORATION	0	5	3
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
FIRST CHICAGO CORPORATION	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL HARVESTER COMPANY	0	2	2
MELLON NATIONAL CORPORATION	0	2	1
METROPOLITAN LIFE INSURANCE COMPANY	0	1	1
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	4	3
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	3	2
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	1
SANTA FE INDUSTRIES, INC.	1	1	1
SECURITY PACIFIC CORP.	0	3	2
SOUTHERN CALIFORNIA EDISON COMPANY	0	9	4
SOUTHERN PACIFIC COMPANY	0	2	2
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	3	2
UAL, INC.	0	1	1
WELLS FARGO AND COMPANY	0	2	2
WESTERN BANCORPORATION	0	5	2
WESTERN ELECTRIC CO., INC.	0	2	1
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TOTALS FOR 32 INTERLOCKED COMPANIES	2	67	48

UNION PACIFIC CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN BROADCASTING COMPANIES	0	2	1
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	1
AMERICAN EXPRESS COMPANY	1	10	4
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	6	4
ATLANTIC RICHFIELD COMPANY	0	4	3
BANKERS TRUST NEW YORK CORP	0	10	5
BETHLEHEM STEEL CORPORATION	0	2	1
BRANIFF INTERNATIONAL CORPORATION	0	1	1
BURLINGTON NORTHERN, INC.	0	3	2
CATERPILLAR TRACTOR COMPANY	0	2	1
CBS, INC.	2	3	2
CHARTER NEW YORK CORP.	1	4	3
CHASE MANHATTAN CORP.	0	2	2
CHEMICAL NEW YORK CORPORATION	0	11	6
CHRYSLER CORPORATION	0	2	2
CITICORP	2	6	5
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	7	5
CONSOLIDATED FREIGHTWAYS, INC.	0	3	1
CONTINENTAL CORPORATION, THE	0	3	3
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	2	2
DELTA AIR LINES CORPORATION	0	2	1
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	2	1
EASTERN AIRLINES, INC.	0	3	2
EASTMAN KODAK COMPANY	0	5	4
EQUITABLE LIFE ASSURANCE	0	6	4
EXXON CORPORATION	0	4	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST-CHICAGO CORPORATION	0	1	1
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	3	2
GENERAL ELECTRIC COMPANY	0	10	8
GENERAL MOTORS CORP.	0	4	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	3	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	6	3
INTERNATIONAL HARVESTER COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	5	4
MARINE MIDLAND BANKS, INC.	0	1	1

MELLON NATIONAL CORPORATION	0	2	2
METROPOLITAN LIFE INSURANCE COMPANY	0	6	4
MOBIL CORPORATION	0	6	4
MORGAN, J. P., AND CO., INC.	0	6	6
NEW YORK LIFE INSURANCE COMPANY	0	10	4
NORTHEAST UTILITIES	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	0	5	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	5	2
PENNEY, J. C., CO., INC.	0	7	3
PROCTER AND GAMBLE COMPANY	0	2	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	2	2
RCA CORP.	0	6	4
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	2	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	5	4
SEARS, ROEBUCK AND CO.	0	2	1
SECURITY PACIFIC CORP.	1	0	0
SHELL OIL COMPANY	0	1	1
SOUTHERN CALIFORNIA EDISON COMPANY	0	6	2
SOUTHERN PACIFIC COMPANY	0	6	5
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	5	2
TENNECO, INC.	0	3	1
TEXACO, INC.	0	3	3
TRANS WORLD AIRLINES, INC.	0	4	4
TRAVELERS INSURANCE COMPANY	0	1	1
UAL, INC.	0	2	1
UNION CARBIDE CORPORATION	0	1	1
UNITED STATES STEEL CORPORATION	0	10	6
WELLS FARGO AND COMPANY	0	3	2
WESTERN BANCORPORATION	1	1	1
WESTERN ELECTRIC CO., INC.	1	4	3
WESTINGHOUSE ELECTRIC CORPORATION	0	4	3
WOOLWORTH, F. W., CO.	0	6	4
TOTALS FOR 80 INTERLOCKED COMPANIES	9	283	185

UNION SERVICE CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
TOTALS FOR 0 INTERLOCKED COMPANIES	0	0	0

UNITED STATES STEEL CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	2	2	2
AMERICAN AIR LINES, INC.	1	5	4
AMERICAN BROADCASTING COMPANIES	0	3	3
AMERICAN EXPRESS COMPANY	1	13	7
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	2	16	9
ATLANTIC RICHFIELD COMPANY	0	0	6
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	8	5
BETHLEHEM STEEL CORPORATION	0	4	3
BURLINGTON NORTHERN, INC.	0	2	1
CATERPILLAR TRACTOR COMPANY	2	7	5
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	1	5	2
CHASE MANHATTAN CORP.	1	15	11
CHEMICAL NEW YORK CORPORATION	1	21	12
CHRYSLER CORPORATION	0	11	8
CITICORP	1	20	16
COMMONWEALTH EDISON	0	4	3
CONNECTICUT GENERAL LIFE INSURANCE COMPANY	0	2	2
CONSOLIDATED EDISON CO OF NEW YORK	0	6	5
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONSUMERS POWER COMPANY	0	2	1
CONTINENTAL CORPORATION, THE	0	17	9
CONTINENTAL ILLINOIS CORPORATION	0	5	4
CONTINENTAL OIL COMPANY	0	5	4
CROCKER NATIONAL CORPORATION	0	2	2
DETROIT EDISON COMPANY	0	7	4
DUKE POWER CO	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	6	4
EASTMAN KODAK COMPANY	1	11	6
EQUITABLE LIFE ASSURANCE	0	5	4
EXXON CORPORATION	0	12	8
FEDERATED DEPARTMENT STORES, INC.	0	9	7
FIRST BANK SYSTEM, INC.	1	1	1
FIRST CHICAGO CORPORATION	0	15	7
FIRST NATIONAL BOSTON CORP.	0	1	1
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	0	8
GENERAL MOTORS CORP.	2	18	11
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	4	2
GOODYEAR TIRE AND RUBBER COMPANY	0	6	5
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	1
GULF OIL CORPORATION	0	4	2
INTERNATIONAL BUSINESS MACHINES CORP.	1	9	6
INTERNATIONAL HARVESTER COMPANY	0	2	2
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	3	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	1	15	7
MARINE MIDLAND BANKS, INC.	0	4	4
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	0	1
MELLON NATIONAL CORPORATION	1	5	4

MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	1	19	12
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	13	9
MORGAN, J. P., AND CO., INC.	0	15	9
NATIONAL DETROIT CORPORATION	0	8	5
NEW YORK LIFE INSURANCE COMPANY	0	7	4
NORFOLK AND WESTERN RAILWAY COMPANY	0	3	2
NORTHEAST UTILITIES	0	1	1
NORTHWEST AIRLINES, INC.	1	4	4
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	12	8
PACIFIC GAS AND ELECTRIC COMPANY	0	1	1
PAN AMERICAN WORLD AIRWAYS, INC.	0	3	2
PENNEY, J. C., CO., INC.	0	8	4
PHILLIPS PETROLEUM COMPANY	0	2	2
PROCTER AND GAMBLE COMPANY	1	6	5
PRUDENTIAL INSURANCE CO. OF AMERICA	0	7	4
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	1
PUTNAM MANAGEMENT COMPANY, INC. (THE)	0	2	1
RCA CORP.	1	12	5
SAFEWAY STORES, INC.	0	1	1
SANTA FE INDUSTRIES, INC.	0	5	3
SEABOARD COAST LINE INDUSTRIES, INC.	0	2	2
SEARS, ROEBUCK AND CO.	1	6	6
SECURITY PACIFIC CORP.	0	2	2
SHELL OIL COMPANY	0	8	5
SOUTHERN CALIFORNIA EDISON COMPANY	0	2	1
SOUTHERN PACIFIC COMPANY	0	4	4
SOUTHERN RAILWAY COMPANY	0	4	3
STANDARD OIL COMPANY OF CALIFORNIA	0	4	2
STANDARD OIL COMPANY OF INDIANA	0	3	3
TEXACO, INC.	0	3	2
TRANS WORLD AIRLINES, INC.	0	4	3
TRAVELERS INSURANCE COMPANY	0	2	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	13	9
UNION PACIFIC CORPORATION	0	10	6
WESTERN BANCORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	0	3	3
WESTINGHOUSE ELECTRIC CORPORATION	0	12	9
WOOLWORTH, F. W., CO.	0	2	1
TOTALS FOR 94 INTERLOCKED COMPANIES	24	560	379
VEPCO	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
BANKERS TRUST NEW YORK CORP	0	2	1
CHESSIE SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	1	1
FORD MOTOR CO.	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	1	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
TENNECO, INC.	0	1	1
TOTALS FOR 7 INTERLOCKED COMPANIES	0	8	7
WADDELL AND REED, INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
TOTALS FOR 0 INTERLOCKED COMPANIES	0	0	0
WELLS FARGO AND COMPANY	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN EXPRESS COMPANY	0	2	2
BANKAMERICA CORPORATION	0	5	5
BANKERS TRUST NEW YORK CORP	0	5	5
CATERPILLAR TRACTOR COMPANY	0	1	1
CBS, INC.	0	1	1
CHASE MANHATTAN CORP.	0	4	3
CHEMICAL NEW YORK CORPORATION	0	2	2
CHRYSLER CORPORATION	0	3	2
CITICORP	0	4	4
CONSOLIDATED EDISON CO OF NEW YORK	0	3	3
CONSOLIDATED FREIGHTWAYS, INC.	0	2	1
CONTINENTAL CORPORATION, THE	0	1	1
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	5	5
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EQUITABLE LIFE ASSURANCE	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	4	3
FIRST CHARTER FINANCIAL CORP.	0	1	1
FIRST CHICAGO CORPORATION	0	5	4
FLORIDA POWER AND LIGHT COMPANY	0	2	2
FORD MOTOR CO.	1	3	3
GENERAL ELECTRIC COMPANY	1	4	3
GENERAL MOTORS CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	1	1
GULF OIL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	2	2
INTERNATIONAL HARVESTER COMPANY	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	1	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KRESGE, S. S., COMPANY	0	2	2
MANUFACTURERS HANOVER CORPORATION	0	2	2

MELLON NATIONAL CORPORATION	0	3	1
METROPOLITAN LIFE INSURANCE COMPANY	0	3	3
MIDDLE SOUTH UTILITIES, INC.	0	3	3
MOBIL CORPORATION	0	3	2
MORGAN, J. P., AND CO., INC.	0	4	2
NEW YORK LIFE INSURANCE COMPANY	0	2	1
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
OCCIDENTAL PETROLEUM CORPORATION	0	1	1
PACIFIC GAS AND ELECTRIC COMPANY	1	5	4
PAN AMERICAN WORLD AIRWAYS, INC.	0	1	1
PENNEY, J. C., CO., INC.	0	1	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	1	1
SAFeway STORES, INC.	2	4	4
SANTA FE INDUSTRIES, INC.	0	1	1
SECURITY PACIFIC CORP.	0	3	2
SHELL OIL COMPANY	0	4	3
SOUTHERN PACIFIC COMPANY	1	6	5
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
TENNECO, INC.	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	3	3
TRANSAMERICA CORPORATION	1	0	0
VAL, INC.	1	4	1
UNION OIL COMPANY OF CALIFORNIA	0	2	2
UNION PACIFIC CORPORATION	0	3	2
WESTERN BANK CORPORATION	0	2	2
WESTERN ELECTRIC CO., INC.	0	1	1
TOTALS FOR 61 INTERLOCKED COMPANIES	8	141	121

WESTERN BANK CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
ARMSTRONG, H. F., AND COMPANY	0	1	1
AMERICAN AIR LINES, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	4	3
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	1	4	3
ATLANTIC RICHFIELD COMPANY	0	3	2
BANKAMERICA CORPORATION	0	7	4
BANKERS TRUST NEW YORK CORP.	0	1	1
BURLINGTON NORTHERN, INC.	0	1	1
CATERPILLAR TRACTOR COMPANY	0	3	3
CBS, INC.	0	2	1
CHAPTER NEW YORK CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	3	2
CHRYSLER CORPORATION	0	2	2
CITICORP	0	6	4
CONSOLIDATED EDISON CO OF NEW YORK	0	2	2
CONTINENTAL CORPORATION, THE	0	3	3
CONTINENTAL ILLINOIS CORPORATION	0	2	2
CONTINENTAL OIL COMPANY	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	1	1
EQUITABLE LIFE ASSURANCE	0	2	1
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	3	2
GENERAL ELECTRIC COMPANY	0	2	2
GENERAL MOTORS CORP.	0	2	1
GOODYEAR TIRE AND RUBBER COMPANY	0	3	3
GREAT WESTERN FINANCIAL CORPORATION	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	1	1
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	3	2
MELLON NATIONAL CORPORATION	0	2	1
MERRILL LYNCH AND COMPANY, INC.	0	1	1
MOBIL CORPORATION	0	2	2
MORGAN, J. P., AND CO., INC.	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	4	2
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	2	2
PACIFIC GAS AND ELECTRIC COMPANY	0	3	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PENNEY, J. C., CO., INC.	0	2	1
PROCTER AND GAMBLE COMPANY	0	2	2
PRUDENTIAL INSURANCE CO. OF AMERICA	0	4	3
SAFeway STORES, INC.	0	2	2
SANTA FE INDUSTRIES, INC.	0	2	1
SECURITY PACIFIC CORP.	0	15	5
SOUTHERN CALIFORNIA EDISON COMPANY	3	7	4
SOUTHERN PACIFIC COMPANY	1	4	3
SOUTHERN RAILWAY COMPANY	1	1	1
STANDARD OIL COMPANY OF CALIFORNIA	1	4	3
TENNECO, INC.	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	1	1	1
TRANSAMERICA CORPORATION	0	2	1
UNION CARBIDE CORPORATION	0	1	1
UNION OIL COMPANY OF CALIFORNIA	0	5	2
UNION PACIFIC CORPORATION	1	1	1
UNITED STATES STEEL CORPORATION	0	2	1
WELLS FARGO AND COMPANY	0	2	2
WESTERN ELECTRIC CO., INC.	0	1	1
TOTALS FOR 59 INTERLOCKED COMPANIES	9	147	107

WESTERN ELECTRIC CO., INC.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	0	2	2
AMERICAN ELECTRIC POWER COMPANY, INC.	0	2	1
AMERICAN EXPRESS COMPANY	0	1	1
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	7	6
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	1	4	3
BETHLEHEM STEEL CORPORATION	0	4	2
BURLINGTON NORTHERN, INC.	0	2	2
CBS, INC.	0	2	1
CHARTER NEW YORK CORP.	1	6	4
CHASE MANHATTAN CORP.	0	2	1
CHEMICAL NEW YORK CORPORATION	0	3	3
CITICORP	0	7	5
COLUMBIA GAS SYSTEM	0	1	1
COMMONWEALTH EDISON	0	1	1
CONSOLIDATED FREIGHTWAYS, INC.	0	1	1
CONSUMERS POWER COMPANY	0	2	2
CONTINENTAL CORPORATION, THE	0	3	3
CONTINENTAL ILLINOIS CORPORATION	0	3	2
CONTINENTAL OIL COMPANY	0	1	1
CROCKER NATIONAL CORPORATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	3	3
EASTMAN KODAK COMPANY	1	2	2
EQUITABLE LIFE ASSURANCE	0	4	2
EXXON CORPORATION	0	1	1
FEDERATED DEPARTMENT STORES, INC.	0	3	3
FIRST BANK SYSTEM, INC.	0	1	1
FIRST CHICAGO CORPORATION	0	6	3
FORD MOTOR CO.	0	2	2
GENERAL ELECTRIC COMPANY	0	5	3
GENERAL MOTORS CORP.	0	7	3
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	4	2
GOODYEAR TIRE AND RUBBER COMPANY	0	1	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	3	3
INTERNATIONAL HARVESTER COMPANY	1	4	4
INVESTORS DIVERSIFIED SERVICES, INC.	0	2	1
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	1	1
KRESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	0	4	4
MARINE MIDLAND BANKS, INC.	0	2	2
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	0	2	2
MELLON NATIONAL CORPORATION	0	1	1
MERRILL LYNCH AND COMPANY, INC.	0	1	1
METROPOLITAN LIFE INSURANCE COMPANY	0	3	3
MISSOURI PACIFIC CORPORATION	0	1	1
MOBIL CORPORATION	0	2	1
MORGAN, J. P., AND CO., INC.	1	3	2
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	2	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHEAST UTILITIES	0	1	1
NORTHWEST BANCORPORATION	0	1	1
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	1	1
PENNEY, J. C., CO., INC.	1	2	1
PROCTER AND GAMBLE COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	1	3	3
PUBLIC SERVICE ELECTRIC AND GAS CO.	0	3	2
RCA CORP.	0	1	1
SANTA FE INDUSTRIES, INC.	2	1	1
SEARS, ROEBUCK AND CO.	0	2	2
SECURITY PACIFIC CORP.	0	1	1
SHELL OIL COMPANY	0	1	1
SOUTHERN RAILWAY COMPANY	0	2	2
STANDARD OIL COMPANY OF CALIFORNIA	0	1	1
STANDARD OIL COMPANY OF INDIANA	0	1	1
TENNECO, INC.	0	1	1
TEXACO, INC.	0	1	1
TRANS WORLD AIRLINES, INC.	0	1	1
UAL, INC.	0	1	1
UNION CARBIDE CORPORATION	0	2	2
UNION OIL COMPANY OF CALIFORNIA	0	2	1
UNION PACIFIC CORPORATION	1	4	3
UNITED STATES STEEL CORPORATION	0	3	3
WELLS FARGO AND COMPANY	0	1	1
WESTERN BANCORPORATION	0	1	1
WESTINGHOUSE ELECTRIC CORPORATION	0	1	1
WOOLWORTH, F. W., CO.	2	4	3
TOTALS FOR 79 INTERLOCKED COMPANIES	12	175	142

WESTINGHOUSE ELECTRIC CORPORATION	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AETNA LIFE AND CASUALTY COMPANY	1	2	2
AMERICAN AIR LINES, INC.	0	3	2
AMERICAN BROADCASTING COMPANIES	0	5	4
AMERICAN ELECTRIC POWER COMPANY, INC.	0	1	1
AMERICAN EXPRESS COMPANY	0	6	4
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	0	9	4
ATLANTIC RICHFIELD COMPANY	0	4	4
BANKAMERICA CORPORATION	0	1	1
BANKERS TRUST NEW YORK CORP	0	2	2
BETHLEHEM STEEL CORPORATION	0	2	2

BURLINGTON NORTHERN, INC.	0	2	2
CATERPILLAR TRACTOR COMPANY	0	2	2
CBS, INC.	0	4	3
CHASE MANHATTAN CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	1	4	4
CHESSIE SYSTEM, INC.	0	1	1
CHRYSLER CORPORATION	0	5	2
CITICORP	1	7	6
COMMONWEALTH EDISON	0	3	2
CONSOLIDATED EDISON CO OF NEW YORK	0	7	4
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	11	4
CONTINENTAL ILLINOIS CORPORATION	0	1	1
CROCKER NATIONAL CORP OFATION	0	1	1
DUPONT, E. I., DE NEMOURS AND CO.	0	3	3
EASTERN AIRLINES, INC.	0	2	1
EASTMAN KODAK COMPANY	1	2	2
EQUITABLE LIFE ASSURANCE	0	4	4
EXXON CORPORATION	0	4	3
FEDERATED DEPARTMENT STORES, INC.	0	5	4
FIRST CHICAGO CORPORATION	0	4	3
FIRST NATIONAL BOSTON CORP.	0	2	2
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	6	5
GENERAL MOTORS CORP.	0	10	7
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GOODYEAR TIRE AND RUBBER COMPANY	0	5	4
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	1	0	0
GULF OIL CORPORATION	0	2	1
INTERNATIONAL BUSINESS MACHINES CORP.	0	5	3
INTERNATIONAL HARVESTER COMPANY	0	4	3
INTERNATIONAL TELEPHONE AND TELEGRAPH CO.	0	2	2
JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY	0	2	2
KROGER COMPANY, THE	0	1	1
MANUFACTURERS HANOVER CORPORATION	2	6	3
MARINE MIDLAND BANKS, INC.	0	4	3
MELLON NATIONAL CORPORATION	1	3	1
METROPOLITAN LIFE INSURANCE COMPANY	0	10	9
MOBIL CORPORATION	0	3	3
MORGAN, J. P., AND CO., INC.	0	8	8
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	1	10	5
NORFOLK AND WESTERN RAILWAY COMPANY	0	3	3
NORTHWESTERN MUTUAL LIFE INSURANCE CO	0	3	3
PAN AMERICAN WORLD AIRWAYS, INC.	0	2	2
PENNEY, J. C., CO., INC.	0	3	2
PROCTER AND GAMBLE COMPANY	0	4	4
RCA CORP.	0	2	2
SANTA FE INDUSTRIES, INC.	0	1	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SEARS, ROEBUCK AND CO.	0	5	4
SECURITY PACIFIC CORP.	0	1	1
SHELL OIL COMPANY	0	1	1
SOUTHERN PACIFIC COMPANY	0	5	3
SOUTHERN RAILWAY COMPANY	0	1	1
STANDARD OIL COMPANY OF CALIFORNIA	0	2	1
STANDARD OIL COMPANY OF INDIANA	0	3	3
TRANSAMERICA CORPORATION	0	1	1
UNION CARBIDE CORPORATION	0	6	3
UNION PACIFIC CORPORATION	0	4	3
UNITED STATES STEEL CORPORATION	0	12	9
WESTERN ELECTRIC CO., INC.	0	1	1
TOTALS FOR 72 INTERLOCKED COMPANIES	9	256	194

WOOLWORTH, F. W., CO.	DIRECT ROUTES	INDIRECT ROUTES	INTERMEDIATE COMPANIES
AMERICAN AIR LINES, INC.	0	2	1
BANKERS TRUST NEW YORK CORP	0	3	2
BURLINGTON NORTHERN, INC.	0	1	1
CBS, INC.	0	1	1
CHARTER NEW YORK CORP.	2	2	2
CHASE MANHATTAN CORP.	0	1	1
CHEMICAL NEW YORK CORPORATION	0	5	2
CITICORP	0	1	1
COLUMBIA GAS SYSTEM	0	1	1
CONSOLIDATED EDISON CO OF NEW YORK	0	4	3
CONSUMERS POWER COMPANY	0	1	1
CONTINENTAL CORPORATION, THE	0	2	2
CONTINENTAL OIL COMPANY	0	1	1
EASTMAN KODAK COMPANY	0	2	1
EQUITABLE LIFE ASSURANCE	1	0	0
EXXON CORPORATION	0	3	3
FEDERATED DEPARTMENT STORES, INC.	0	1	1
FORD MOTOR CO.	0	1	1
GENERAL ELECTRIC COMPANY	0	1	1
GENERAL MOTORS CORP.	0	1	1
GENERAL PUBLIC UTILITIES CORP.	0	1	1
GENERAL TELEPHONE AND ELECTRONICS CORP.	0	6	1
GREAT ATLANTIC AND PACIFIC TEA COMPANY, INC.	0	2	2
INTERNATIONAL HARVESTER COMPANY	0	2	1
INVESTORS DIVERSIFIED SERVICES, INC.	1	2	2
KFESGE, S. S., COMPANY	0	1	1
KROGER COMPANY, THE	0	2	1
MANUFACTURERS HANOVER CORPORATION	0	2	2
MELLON NATIONAL CORPORATION	0	1	1

METROPOLITAN LIFE INSURANCE COMPANY	0	3	2
MOBIL CORPORATION	0	1	1
MORGAN, J. P., AND CO., INC.	0	3	2
NATIONAL DETROIT CORPORATION	0	1	1
NEW YORK LIFE INSURANCE COMPANY	0	3	2
NORFOLK AND WESTERN RAILWAY COMPANY	0	1	1
NORTHEAST UTILITIES	0	2	1
PENNEY, J. C., CO., INC.	0	2	1
PHILLIPS PETROLEUM COMPANY	0	1	1
PRUDENTIAL INSURANCE CO. OF AMERICA	0	8	5
RCA'CORP.	0	2	1
SANTA FE INDUSTRIES, INC.	0	4	1
SEABOARD COAST LINE INDUSTRIES, INC.	0	1	1
SHELL OIL COMPANY	0	2	1
TRANS WORLD AIRLINES, INC.	0	2	2
UNION PACIFIC CORPORATION	0	6	4
UNITED STATES STEEL CORPORATION	0	2	1
WESTERN ELECTRIC CO., INC.	2	4	3
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TOTALS FOR 47 INTERLOCKED COMPANIES	6	101	70

APPENDIX C

Officers and Directors of Major Business
Organizations (The Business Roundtable,
The Business Council, The Conference Board),
1976-1977

Appendix C is a list of the officers and directors of three of the nation's leading business organizations, together with the names of those corporate boards on which they sit as directors. Information was obtained from 1976-1977 publications of the organizations, from Appendix A, and from Standard and Poor's Register of Directors and Executives.

This appendix shows that the executive leadership and policy membership of each of these three prestigious organizations is concentrated among a few of America's largest corporations. There is a pattern of direct and indirect interlocks similar to that found in Analysis 1 of Part II, Men and Women at the Top.

THE BUSINESS COUNCIL1977

Chairman	John D. deButts
Vice Chairmen	Benjamin F. Biaggini Robert S. Hatfield Thomas A. Murphy Irving S. Shapiro
Executive Secretary	John W. Burke, Jr.

Executive Committee

- * William M. Batten
- William O. Beers
- Benjamin F. Biaggini
- * Fred J. Borch
- John D. deButts
- E. Mandell de Windt
- Robert S. Hatfield
- Gilbert W. Humphrey
- Reginald H. Jones
- * Edmund W. Littlefield
- James P. McFarland
- Roger Milliken
- Thomas A. Murphy
- * David Packard
- Irving S. Shapiro
- Rawleigh Warner, Jr.
- F. Perry Wilson
- Arthur M. Wood
- Walter B. Wriston

* Ex Officio Member

BUSINESS COUNCIL INTERLOCKS

John D. deButts	American Telephone and Telegraph, Chairman Citicorp General Motors U. S. Steel Kraftco
Benjamin F. Biaggini	Southern Pacific, Chairman Tenneco
Robert S. Hatfield	Continental Group, Chairman Citicorp General Motors Eastman Kodak
Thomas A. Murphy	General Motors, Chairman
Irving S. Shapiro	DuPont, Chairman Citicorp International Business Machines Bank of Delaware Continental American Life
William M. Batten	New York Stock Exchange, Chairman American Telephone and Telegraph J. C. Penney Boeing Company Texas Instruments
William O. Beers	Kraftco, Chairman Manufacturers Hanover U. S. Steel Sears, Roebuck American Airlines Allis-Chalmers A. O. Smith Corp. All State Group of Cos. (adv. director)
Fred T. Bosch	General Electric, former Chairman Mobil Corp. Utah International Security Trust Co. Morgan Guaranty International Council
E. Mandell de Windt	Eaton Corp., Chairman UAL, Inc. Ohio Bell ClevTrust Co. Diamond Shamrock Mogul Corp.

Gilbert W. Humphrey	Hanna Mining, Chairman General Electric, former director National City Bank (Cleveland) National Steel Massey Ferguson, Ltd. Sun Life Assurance Co. General Reinsurance Corp. St. John d'el Rey Mining
Reginald H. Jones	General Electric, Chairman
Edmund W. Littlefield	Utah International, Chairman General Electric Southern Pacific Wells Fargo Cyprus Puma Mining Marcona Corp. Industrial Indemnity
James P. McFarland	General Mills, Chairman Prudential Insurance Fed. Res. Bank (Minneapolis) Toro Company Northwestern Bell Shenandoah Oil
Roger Milliken	Deering Milliken, Chairman Citicorp Westinghouse Electric W. R. Grace Mercantile Stores
David Packard	Hewlett-Packard, Chairman Trans World Airways Caterpillar Tractor Standard Oil of California
Rawleigh Warner, Jr.	Mobil Corp., Chairman American Telephone and Telegraph American Express Chemical New York Caterpillar Tractor Time, Inc.
F. Perry Wilson	Union Carbide, Chairman Manufacturers Hanover A. O. Smith Corp. Continental Corp. R. H. Macy

Arthur M. Wood

Sears, Roebuck, Chairman
Continental Illinois
All State Insurance
Quaker Oats Company
Homart Development Co.

Walter B. Wriston

Citicorp, Chairman
General Electric
J. C. Penney
Chubb Corp.
Rand Corp.

Members - 1977 The Business Council

Active indicated by A

Graduate indicated by G

Honorary indicated by H

- H William M. Allen, Chairman Emeritus
The Boeing Company
P. O. Box 3707
Seattle, Washington 98124
- G Robert B. Anderson
630 Fifth Avenue
New York, New York 10020
- G J. Paul Austin, Chairman
The Coca-Cola Company
P. O. Drawer 1734
Atlanta, Georgia 30301
- A Malcolm Baldrige, Chairman
Scovill Manufacturing Company
Waterbury, Connecticut 06720
- G William M. Batten, Chairman
New York Stock Exchange
11 Wall Street
New York, New York 10005
- H S. D. Bechtel, Senior Director
Bechtel Group of Companies
155 Sansome Street
San Francisco, California 94104
- G S. D. Bechtel, Jr., Chairman
Bechtel Group of Companies
50 Beale Street
San Francisco, California 94105

A	William O. Beers, Chairman Kraft Inc. Kraft Court Glenview, Illinois 60025		H	Ernest R. Breech 12723 Telegraph Road Detroit, Michigan 48239
H	S. Clark Beise, President (Retired) Bank of America NT&SA P. O. Box 37000 San Francisco, California 94137		G	William S. Brewster, Vice Chairman Emhart Corporation 140 Federal Street Boston, Massachusetts 02107
A	Benjamin F. Biaggini, Chairman and President Southern Pacific Company One Market Street San Francisco, California 94105		H	George R. Brown Suite 2910 2 Houston Center Houston, Texas 77002
G	James H. Binger, Chairman Executive Committee Honeywell Inc. 2701 Fourth Avenue South Minneapolis, Minnesota 55403		G	Carter L. Burgess, Chairman Foreign Policy Association 345 E. 46th Street New York, New York 10017
H	Roger M. Blough 300 Keystone Street Hawley, Pennsylvania 18428		G	Donald C. Burnham, Director-Officer Westinghouse Electric Corporation Westinghouse Building 6 Gateway Center Pittsburgh, Pennsylvania 15222
A	Winton M. Blount, Chairman and President Blount, Inc. Box 949 Montgomery, Alabama 36102		A	Fletcher L. Byrom, Chairman Koppers Company, Inc. Koppers Building Pittsburgh, Pennsylvania 15219
G	Fred J. Borch 2200 Gulf Shore Boulevard North Apartment D1 Naples, Florida 33940		G	Louis W. Cabot, Chairman Cabot Corporation 125 High Street Boston, Massachusetts 02110
H	Harilec Branch, Jr. P. O. Box 52566 Atlanta, Georgia 30305		H	Paul C. Cabot, Chairman State Street Investment Corporation 225 Franklin Street Boston, Massachusetts 02110

A	Edward W. Carter, Chairman Carter Hawley Hale Stores, Inc. 550 South Flower Street Los Angeles, California 90071	G	C. W. Cook, Chairman Executive Committee General Foods Corporation 250 North Street, R-1 White Plains, New York 10625
A	Frank T. Cary, Chairman International Business Machines Corporation Old Orchard Road Armonk, New York 10504	G	John E. Corette, Chairman The Montana Power Company 40 East Broadway Butte, Montana 59701
H	Walker L. Cislcr, President Overseas Advisory Associates, Inc. 1300 Washington Boulevard Building Detroit, Michigan 48226	G	Stewart S. Cort, Director Bethlehem Steel Corporation Suite 310, 437 Main Street Bethlehem, Pennsylvania 18018
A	Howard L. Clark, Chairman American Express Company American Express Plaza New York, New York 10004	H	John Cowles, Director The Minneapolis Star & Tribune Company Fifth and Portland Minneapolis, Minnesota 55415
G	A. W. Clausen, President Bank of America NT&SA P. O. Box 37000 San Francisco, California 94137	H	Bert S. Cross E 1314, First National Bank Building St. Paul, Minnesota 55101
H	Lucius D. Clay c/o The Continental Group, Inc. 633 Third Avenue New York, New York 10017	G	John H. Daniels, Chairman National City Bancorporation National City Bank Building, 10th Floor 75 South Fifth Street Minneapolis, Minnesota 55402
H	John L. Collyer 906 Sandfly Lane Vero Beach, Florida 32960	H	Donald K. David 159 South County Road Osterville, Massachusetts 02655
A	John T. Connor, Chairman Allied Chemical Corporation P. O. Box 3000R Morristown, New Jersey 07960	A	R. Hal Dean, Chairman Ralston Purina Company Checkerboard Square St. Louis, Missouri 63188

A	John D. deButts, Chairman American Telephone and Telegraph Company 195 Broadway New York, New York 10007	H	Frederic G. Donner 34 Barkers Point Road Sands Point Port Washington, New York 11050
A	The Honorable Frederick B. Dent Special Representative for Trade Negotiations 1840 G Street, N. W. Washington, D. C. 20506	H	W. Y. Elliott Hidden Valley Farm Haywood, Virginia 22722
H	Frank R. Denton Retired Vice Chairman & CEO Mellon National Bank and Trust Company Pittsburgh, Pennsylvania 15230	A	E. Hervey Evans, Jr., President McNair Seed Company P. O. Box 706 Laurinburg, North Carolina 28352
A	E. Mandell de Windt, Chairman Eaton Corporation 100 Erieview Plaza Cleveland, Ohio 44114	A	Walter A. Fallon, Chairman Eastman Kodak Company 343 State Street Rochester, New York 14650
G	Russell DeYoung The Martinique 3003 N. Gulf Shore Boulevard Naples, Florida 33940	G	Henry Ford II, Chairman Ford Motor Company The American Road Dearborn, Michigan 48121
A	Charles D. Dickey, Jr. Chairman and President Scott Paper Company Philadelphia, Pennsylvania 19113	H	William C. Foster 3304 R Street, N.W. Washington, D. C. 20007
G	C. Douglas Dillon, Chairman U. S. & Foreign Securities Corporation 767 Fifth Avenue, Room 4302 New York, New York 10022	H	Fred C. Foy Star Route Rector, Pennsylvania 15677
G	Alphonsus J. Donahue, President Donahue Sales, Talon Division of Textron 41 East 51st Street New York, New York 10022	A	Lewis W. Foy, Chairman Bethlehem Steel Corporation Martin Tower, Room 2110 Bethlehem, Pennsylvania 18016

H	Clarence Francis, Chairman Francis-Illard Associates 230 Park Avenue, Room 860 New York, New York 10017	A	Richard L. Gelb, Chairman Bristol-Myers Company 345 Park Avenue New York, New York 10022
H	H. B. Friele 7675 E. Medlock Drive Scottsdale, Arizona 85251	G	Richard C. Gerstenberg 484 Pierce Street Birmingham, Michigan 48011
G	G. Keith Funston 74 Vineyard Lane Greenwich, Connecticut 06830	H	Carl J. Gilbert Strawberry Hill Street Dover, Massachusetts 02030
G	Henry W. Gadsden 30 Lake Road Short Hills, New Jersey 07078	G	Edwin H. Gott, Director U. S. Steel Corporation 600 Grant Street Pittsburgh, Pennsylvania 15230
G	A. H. Galloway 2533 Warwick Road Winston-Salem, North Carolina 27104	H	Elisha Gray II, Chairman Finance Committee Whirlpool Corporation Elisha Gray II Research & Engineering Center Benton Harbor, Michigan 49022
A	Clifton C. Garvin, Jr., Chairman EXXON Corporation 1251 Avenue of the Americas New York, New York 10020	A	Harry J. Gray, Chairman and President United Technologies Corporation United Technologies Building Hartford, Connecticut 06101
H	Thomas S. Gates Mill Race Farm Devon, Pennsylvania 19333	H	Crawford H. Greenewalt, Director E. I. du Pont de Nemours & Co. Wilmington, Delaware 19898
H	Frederick V. Geier, Chairman Executive Committee Cincinnati Milacron Inc. 4701 Marburg Avenue Cincinnati, Ohio 45209	H	Courtlandt S. Gross, Director Lockheed Aircraft Corporation 6 Bryn Mawr Avenue, Room 102 Bryn Mawr, Pennsylvania 19010
G	Philip O. Geier, Jr. 715 First National Bank Building Cincinnati, Ohio 45202		

H	Alfred M. Gruenther 4101 Cathedral Avenue, N. W. Washington, D. C. 20016	H	W. Averell Harriman 3038 N Street, N. W. Washington, D. C. 20007
G	Patrick E. Haggerty, General Director Texas Instruments Incorporated P. O. Box 5474 Dallas, Texas 75222	A	Shearon Harris, Chairman and President Carolina Power and Light Company P. O. Box 1551 Raleigh, North Carolina 27602
H	Michael L. Haider Room 1250 One Rockefeller Plaza New York, New York 10020	A	Robert S. Hatfield, Chairman The Continental Group, Inc. 633 Third Avenue New York, New York 10017
H	Joseph B. Hall Cincinnati Redevelopment Corporation 511 Walnut Street, Room 2620 Cincinnati, Ohio 45202	A	H. J. Haynes, Chairman Standard Oil Company of California 225 Bush Street San Francisco, California 94104
A	John W. Hanley, Chairman and President Monsanto Company 800 North Lindbergh Boulevard St. Louis, Missouri 63166	G	Ellison L. Hazard 3 Monarch Bay Plaza, Suite 108 Laguna Niguel, California 92677
G	R. V. Hansberger, Chairman Futura Industries Corporation Drawer F, Suite 1010 One Capital Center Boise, Idaho 83702	A	Henry H. Henley, Jr., President Cluett, Peabody & Co., Inc. 510 Fifth Avenue New York, New York 10036
A	Edward G. Harness, Chairman The Procter & Gamble Company P. O. Box 599 Cincinnati, Ohio 45201	A	William A. Hewitt, Chairman Deere & Company Moline, Illinois 61265
G	John D. Harper, Chairman, Executive Committee Aluminum Company of America ALCOA Building, Room 1501 Pittsburgh, Pennsylvania 15219	H	Milton P. Higgins 1155 The Guaranty Building Worcester, Massachusetts 01608
		A	Henry L. Hillman, President The Hillman Company 2000 Grant Building Pittsburgh, Pennsylvania 15219

A	Jack K. Horton, Chairman Southern California Edison Company P. O. Box 800 Rosemead, California 91770	A	Samuel C. Johnson, Chairman S. C. Johnson & Son, Inc. 1525 Howe Street Racine, Wisconsin 53403
H	Preston Hotchkis, Chairman Bixby Ranch Company 523 W. Sixth Street Los Angeles, California 90014	H	Alfred W. Joites, Chairman Sea Island Company Sea Island, Georgia 31561
H	Amory Houghton, Chairman Emeritus Corning Glass Works Corning, New York 14830	G	Horace C. Jones, Chairman Executive and Finance Committees Burlington Industries, Inc. 1345 Avenue of the Americas New York, New York 10019
A	Amory Houghton, Jr., Chairman Corning Glass Works Corning, New York 14830	A	Reginald H. Jones, Chairman General Electric Company Fairfield, Connecticut 06431
G	Gilbert W. Humphrey, Chairman The Hanna Mining Company 100 Erieview Plaza Cleveland, Ohio 44114	G	Edgar F. Kaiser, Chairman Kaiser Industries Corporation 300 Lakeside Drive Oakland, California 94666
H	Austin S. Igleheart, Director Emeritus General Foods Corporation 250 North Street White Plains, New York 10625	H	F. R. Kappel 343 W. Royal Flamingo Drive Sarasota, Florida 33577
G	Robert S. Ingersoll One First National Plaza, Suite 2530 Chicago, Illinois 60603	G	George E. Keck, President Columbia Corporation 2300 S. W. First Avenue Portland, Oregon 97201
A	John V. James, Chairman and President Dresser Industries, Inc. P. O. Box 718 Dallas, Texas 75221	G	J. Ward Keener 265 Hampshire Road Akron, Ohio 44313
G	J. K. Jamieson Suite 4601, 1100 Milam Building Houston, Texas 77002	A	Donald M. Kendall, Chairman PepsiCo, Inc. Purchase, New York 10577

H	John R. Kimberly, Chairman Finance Committee Kimberly-Clark Corporation Route 1, Box 170 Queenstown, Maryland 21658	H	Augustus C. Long, Chairman Executive Committee Texaco Inc. 135 East 42nd Street New York, New York 10017
H	Justin Kingson 4201 Cathedral Avenue, N. W. Washington, D. C. 20016	H	Donald B. Lourie, Retired Chairman The Quaker Oats Company 345 Merchandise Mart Plaza Chicago, Illinois 60654
H	Joseph L. Lanier Box 270 West Point, Georgia 31833	H	George H. Love, Honorary Chairman Consolidation Coal Company, Inc. Room 3300, One Oliver Plaza Pittsburgh, Pennsylvania 15222
A	William F. Laporte, Chairman American Home Products Corp. 685 Third Avenue New York, New York 10017	A	J. Paul Lyet, Chairman Sperry Rand Corporation 1290 Avenue of the Americas New York, New York 10019
A	Ralph Lazarus, Chairman Federated Department Stores, Inc. 222 West Seventh Street Cincinnati, Ohio 45202	A	Donald S. MacNaughton, Chairman Prudential Insurance Company of America Prudential Plaza Newark, New Jersey 07101
G	The Honorable T. V. Learson Ambassador at Large Department of State Washington, D. C. 20520	G	Malcolm MacNaughton, Chairman Castle & Cooke, Inc. P. O. Box 2990 Honolulu, Hawaii 96802
G	James A. Linnen III, Director TIME Incorporated Time & Life Building, Rockefeller Center New York, New York 10020	H	George P. MacNichol, Jr. Room 201, 811 Madison Avenue Toledo, Ohio 43624
A	Edmund W. Littlefield, Chairman Utah International Inc. 550 California Street San Francisco, California 94104	H	Deane W. Malott, President Emeritus Cornell University 322 Wait Avenue Ithaca, New York 14850

- A Robert H. Malott, Chairman & President
FMC Corporation
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Chicago, Illinois 60601
- G Barney Mason, Jr., Chairman
Executive Committee
Union Carbide Corporation
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New York, New York 10017
- H J. W. McAfee, Chairman
Executive Committee
Union Electric Company
P. O. Box 87
St. Louis, Missouri 63166
- H S. M. McAshan, Jr., Director
Anderson, Clayton & Co., Inc.
P. O. Box 2538
Houston, Texas 77001
- H Thomas B. McCabe, Director
Scott Paper Company
Philadelphia, Pennsylvania 19113
- H John L. McCaffrey
5555 N. Sheridan Road
Chicago, Illinois 60640
- H L. F. McCollum, Retired Chairman
Continental Oil Company
P. O. Box 2081
Houston, Texas 77001
- G C. Peter McColough, Chairman
Xerox Corporation
Stamford, Connecticut 06904
- A Brooks McCormick, President
International Harvester Company
401 N. Michigan Avenue
Chicago, Illinois 60611
- G C. B. McCoy, Chairman, Finance Committee
E. I. du Pont de Nemours & Company
Wilmington, Delaware 19898
- G James P. McFarland, Chairman
Executive Committee
General Mills, Inc.
P. O. Box 1113
Minneapolis, Minnesota 55440
- H Earl M. McGowin
Edgefield
Chapman, Alabama 36015
- A Louis W. Menk, Chairman
Burlington Northern Inc.
176 E. 5th Street
St. Paul, Minnesota 55101
- G Gordon M. Metcalf, Chairman
Board of Trustees, The Savings and Profit
Sharing Fund of Sears Employees
Sears Tower, 51st Floor
Chicago, Illinois 60684
- A Buck Mickel, Chairman
Daniel International Corporation
Daniel Building
Greenville, South Carolina 29602
- A G. William Miller, Chairman
Textron Inc.
40 Westminster Street
Providence, Rhode Island 02903

- G Irwin Miller, Chairman
Cummins Engine Co., Inc.
301 Washington Street
Columbus, Indiana 47201
- G Charles F. Myers, Jr.
P. O. Box 13046
Greensboro, North Carolina 27405
- G Otto N. Miller
555 Market Street
San Francisco, California 94105
- G Albert L. Nickerson
Room 3540, 150 East 42nd Street
New York, New York 10017
- G Frank R. Milliken, President
Kennecott Copper Corporation
161 E. 42nd Street
New York, New York 10017
- H Aksel Nielsen
830 Denver Club Building
Denver, Colorado 80202
- G Roger Milliken, President
Deering Milliken, Inc.
P. O. Box 3167
Spartanburg, South Carolina 29302
- G Howard Morgens, Chairman
Executive Committee
The Procter & Gamble Company
P. O. Box 599
Cincinnati, Ohio 45201
- H Charles G. Mortimer, Director Emeritus
General Foods Corporation
220 Westchester Avenue
White Plains, New York 10604
- A Thomas A. Murphy, Chairman
General Motors Corporation
GM Building, 3044 W. Grand Boulevard
Detroit, Michigan 48202
- G W. B. Murphy
GSB Building, One Belmont Avenue
Bala-Cynwyd, Pennsylvania 19004
- G Robert S. Oelman, Chairman
Executive Committee
NCR Corporation
2485 Winters Bank Tower
Dayton, Ohio 45402
- A David Packard, Chairman
Hewlett-Packard Company
1501 Page Mill Road
Palo Alto, California 94304
- H T. F. Patton, Consultant
Republic Steel Corporation
912 Midland Building
Cleveland, Ohio 44115
- G The Honorable Charles H. Percy
United States Senator
4321 Dirksen Senate Office Building
Washington, D. C. 20510
- H Nicholas H. Noyes, Chairman
Finance Committee
Eli Lilly and Company
307 E. McCarty Street
Indianapolis, Indiana 46206

A	Donald S. Perkins, Chairman Jewel Companies, Inc. 5725 E. River Road Chicago, Illinois 60631	H	Walter M. Ringer, Chairman Foley Manufacturing Company 3300 Fifth Street, N. E. Minneapolis, Minnesota 55418
A	Thomas I. Phillips, Chairman Raytheon Company 141 Spring Street Lexington, Massachusetts 02173	H	James M. Roche General Motors Corporation 14-130 General Motors Building Detroit, Michigan 48202
A	Charles M. Pigott, President FACCAR Inc Business Center Building P. O. Box 1518 Bellevue, Washington 98009	A	David Rockefeller, Chairman Chase Manhattan Bank (N.A.) 1 Chase Manhattan Plaza New York, New York 10015
A	Charles J. Pilliod, Jr., Chairman The Goodyear Tire & Rubber Co. 1144 East Market Street Akron, Ohio 44316	G	W. F. Rockwell, Jr., Chairman Rockwell International Corporation 600 Grant Street Pittsburgh, Pennsylvania 15219
H	Gwilym A. Price Apt. 701, 4601 Bayard Street Pittsburgh, Pennsylvania 15213	H	Donald J. Russell One Market Street San Francisco, California 94105
H	Philip D. Reed Room 2709, 375 Park Avenue New York, New York 10022	G	Stuart T. Saunders 202 Nottingham Road Richmond, Virginia 23221
G	R. S. Reynolds, Jr., Chairman Executive Committee Reynolds Metals Company 6601 W. Broad Street Richmond, Virginia 23261	H	Charles Sawyer, Partner Taft, Stettinius & Hollister 603 Dixie Terminal Building Cincinnati, Ohio 45202
A	John J. Riccardo, Chairman Chrysler Corporation P. O. Box 1919 Detroit, Michigan 48231	H	Emil Schram, Chairman Valley Farms, Inc. P. O. Box 368 Peru, Indiana 46970

- A Donald V. Seibert, Chairman
J. C. Penney Company, Inc.
1301 Avenue of the Americas
New York, New York 10019
- A Irving S. Shapiro, Chairman
E. I. du Pont de Nemours & Co.
Wilmington, Delaware 19898
- G H. A. Shepard, Chairman
TRW Inc.
2355 Euclid Avenue
Cleveland, Ohio 44117
- A Mark Shepherd, Jr., Chairman
Texas Instruments Incorporated
P. O. Box 5474
Dallas, Texas 75222
- A Richard R. Shinn, President
Metropolitan Life Insurance Co.
One Madison Avenue
New York, New York 10010
- H Blackwell Smith
145 Moores Mill Road
Hopewell, New Jersey 08525
- H C. R. Smith
2358 Massachusetts Avenue, N.W.
Washington, D.C. 20008
- A J. Stanford Smith
Chairman and President
International Paper Company
220 East 42nd Street
New York, New York 10017
- G L. B. (Ted) Smith, Chairman
A. O. Smith Corporation
3533 North 27th Street
Milwaukee, Wisconsin 53216
- H John W. Snyder
2401 Calvert Street, N.W.
Washington, D.C. 20008
- G Charles H. Sommer, Director
Monsanto Company
7811 Carondelet Avenue
St. Louis, Missouri 63105
- A Edgar B. Speer, Chairman
U. S. Steel Corporation
600 Grant Street
Pittsburgh, Pennsylvania 15230
- G Frank Stanton
10 East 56th Street
New York, New York 10022
- H Robert T. Stevens, Director
J. P. Stevens & Co., Inc.
1185 Avenue of the Americas
New York, New York 10036
- A George A. Stinson, Chairman
National Steel Corporation
2800 Grant Building
Pittsburgh, Pennsylvania 15219
- H Hardwick Stiros, General Partner
Studder, Stevens & Clark
345 Park Avenue
New York, New York 10022

A	Robert D. Stuart, Jr., Chairman The Quaker Oats Company 345 Merchandise Mart Plaza Chicago, Illinois 60654	H	John C. Virden 19701 North Park Boulevard Cleveland, Ohio 44122
G	A. Thomas Taylor, Chairman Deltec International Limited Suite 3702 135 South LaSalle Street Chicago, Illinois 60603	H	J. Carlton Ward, Jr. P. O. Box 446 Norfolk, Connecticut 06058
H	Charles Allen Thomas, Chairman Washington University Suite 947, Pierre Laclède Building 7701 Forsyth Boulevard St. Louis, Missouri 63105	A	Rawleigh Warner, Jr., Chairman Mobil Oil Corporation 150 E. 42nd Street New York, New York 10017
H	E. J. Thomas 812 Mayfair Road Akron, Ohio 44303	G	Thomas J. Watson, Jr., Chairman Executive Committee International Business Machines Corporation Old Orchard Road Armonk, New York 10504
A	Charles B. Thornton, Chairman Litton Industries, Inc. 360 North Crescent Drive Beverly Hills, California 90210	A	George H. Weyerhaeuser, President Weyerhaeuser Company Tacoma, Washington 98401
G	Lynn A. Townsend 1485 Kirkway Drive Bloomfield Hills, Michigan 48013	H	John Hay Whitney, Chairman Whitney Communications Corporation 110 West 51st Street New York, New York 10020
H	Juan T. Trippe, Honorary Chairman Pan American World Airways, Inc. Pan Am Building, Suite 2303 New York, New York 10016	H	Langbourne M. Williams Retreat Rapidan, Virginia 22733
H	Solon B. Turman 1705 Lykes Center 300 Poydras Street New Orleans, Louisiana 70130	G	F. Perry Wilson Plaza East 4300 N. Ocean Boulevard, #17A Fort Lauderdale, Florida 33308

- A T. A. Wilson, Chairman
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Seattle, Washington 98124
- II Henry S. Wingate, Retired Chairman
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New York, New York 10004
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- G Walter B. Wriston, Chairman
Citicorp
399 Park Avenue
New York, New York 10022
- H Harry W. Zinsmaster, Chairman
Zinsmaster Baking Company
P. O. Box 957
Minneapolis, Minnesota 55440

The Conference Board -- 1976 Annual Report

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(until January 15, 1976)

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William O. Beers	See Business Council
John T. Connor	Allied Chemical, Chairman Chase Manhattan General Motors Warner-Lambert Co.
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 ROBINSON F. BARKER • PPG Industries
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 JOHN W. HANLEY • Monsanto
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The Business Roundtable

Irving S. Shapiro
Chairman

Reginald H. Jones
Cochairman

Thomas A. Murphy
Cochairman

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June 1977

BUSINESS ROUNDTABLE INTERLOCKS

Irving S. Shapiro	See Business Council
Reginald H. Jones	See Business Council
Thomas A. Murphy	See Business Council

For Policy Committee members, See Appendix A, under major company's list of directors and interlocks.

APPENDIX D

The following are selected excerpts from responses of other Federal departments and agencies to Chairman Metcalf's letter of inquiry. These excerpts provide a pattern of concern on the part of the Federal Executive Branch which, at best, can be described as benign.

Department of Defense: (including Army, Navy and Air Force) "...does not collect detailed or extensive information relating to interlocking officers or directorships of defense contractors. However, in the course of our administration of the Defense Industrial Security Program, we do obtain certain information regarding interlocking directorships. ...in order to insure that contractors properly safeguard classified information and may not be in a form susceptible to analysis for your purposes. Therefore, we do not believe this information would be meaningful or responsive in the context of your inquiry."

Department of State: "The State Department contributes to the development of U.S. Government policy toward international investment and does become involved in the protection and facilitation of U.S. private investment abroad. In these and other activities, however, we normally do not have occasion to inquire about interlocking officer or directorships of particular U.S. corporations, and we do not keep files of such information..."

Department of Treasury:

Office of Comptroller of the Currency: "...Names of current directors of national banks are contained in our examination reports. Such reports also contain names of other banking organizations with which such persons may be affiliated...information contained in bank examination reports...is not available to the public..."

"...the Comptroller has issued regulations requiring directors and principal officers of national banks to maintain statements of interest (business enterprises)...Examiners consult these statements...primarily to discover any possible violations of legal lending limits..."

"...Under 12 U.S.C. 78, unless the Board of Governors permits by regulation, no person primarily engaged in the issue, flotation, underwriting or public sale of securities may serve at the time as an officer, director, or employee of any member bank...Under the Comptroller's Interpretative Ruling 7.4215, it has been determined that the following other statutes prohibit certain relationships with nonbanking institutions: 15 U.S.C. 80a10(c) (registered investment companies); 15 U.S.C. 79q(c) (public utility holding companies and their affiliates); 16 U.S.C. 825d(b) (interstate power companies); and 15 U.S.C. 77jjj(b) (indenture trustees)... No formal actions have been taken pursuant to these statutes..."

Internal Revenue Service: "...Information is not compiled in this form by the Internal Revenue Service. However, even if information were available in this form its disclosability would be limited by statute...In some cases, IRS might be interested in interlocking officerships and directorships to the extent necessary to determine the correct tax liabilities of the entity or entities under examination. However, there may be some question whether IRS would have the authority to conduct a large scale canvass in this area...While IRS has the authority to examine tax returns...we have no authority to identify or take any actions with respect to interlocking officer or director relationships..."

Department of the Interior: "...Given the nature of the responsibilities of this Department, I believe it is unlikely that we maintain any records of the sort in which you are interested. To assure that this is the case, I have sent copies of your questionnaire to each of the bureaus of the Department with a request that they respond directly to your subcommittee..."...The Mining Enforcement and Safety Administration (MESA) maintains an active file identifying all corporations, partnerships, joint ventures, and sole proprietors who own and/or operate coal mines...Section 111 of the Federal Coal Mine Health and Safety Act of 1969 and Departmental regulations, 30 CFR Part 82, authorize MESA to identify interlocking officer or director relationships in the coal mining industry. Where such interlocking exists to a significant degree, MESA considers the organizational units to be one entity for the purpose of determining the size of the business in calculating civil monetary penalties for health and safety violations (Section 109(a) of the Coal Act)..."

"...We cannot provide definitive, current names and addresses of principals of major corporations or affiliates in the area served by our office: Colorado, Wyoming, Montana, North Dakota, South Dakota, Nebraska, Kansas, Missouri.... We have some out-dated information on oil and gas companies from old annual reports and possibly in depositions taken in connection with oil shale litigation. Nothing current..."

Department of Agriculture: The Department answered that it kept no files on interlocking directorates and had no statutory need to have such information on file, with the following exceptions:

Department of Commerce: "...The Department does not maintain any official files or information systems that would provide the name and business address of each principal officer, director, trustee, or person exercising similar functions, of every company, firm or other business organization with assets or sales in excess of \$100 million. Similarly, the Department has no official files or information system that would identify the name of other business organizations in which such persons may be affiliated or connected as any officer, director, trustee, etc.

"The Department receives a substantial amount of business information in connection with the administration of a variety of statutes. (For example, 13 U.S.C. 131; 15 U.S.C. 175; 22 U.S.C. 286f; 22 U.S.C. et. seq.). However, except to a very limited extent, such information does not include nor does it reveal the names and business addresses of any officers, directors, etc. of reporting business entities...The reports filed with the SEC would reveal considerable information as to names of officers and directors. We defer to the advice of the SEC as to the availability of information relating to officer and director interlocks... The Department has not proposed, nor does it have under consideration, any legislation, for obtaining the names of such interlocking officers, directors and other persons.

Department of Labor: "...The Department of Labor does not compile such information under the majority of its programs because it is not generally pertinent to the administration of Labor programs, except for certain specific instances which are described below.

Under the Fair Labor Standards Act...it may be necessary to ascertain whether there are interlocking directors or officers, but this information is compiled only for the specific case and is not otherwise maintained. The information is not readily accessible in any central location, but is scattered through those few cases in which the issue has arisen in the course of an investigation into compliance with the Act.

Information on directorships may also be obtained in instances in which corporations with Federal contracts request that corporate affiliates be deemed independently-operated and therefore excluded from job-vacancy reporting requirements under the Vietnam Era Veterans Readjustment Act...

Department of Transportation: "...the regulatory authority which this Department exercises over U.S. businesses is largely in the areas of transportation safety and environmental protection. Although the Department has the authority to obtain information from firms to which it furnishes financial assistance, such as loan guarantees, we generally have not found it necessary to require periodic reporting of control relationships from either this category of companies, or from those which we regulate for safety.

Accordingly, our current files do not contain specific and systematic information on officers, directors, trustees, and the like, of the companies which we regulate, nor would they show the affiliations of those persons with other firms. On the other hand, the Secretary and other officials of the Department have the authority to prescribe whatever regulations are necessary for them to carry out their statutory responsibilities, and we could require information on interlocking directorates from a variety of business concerns in the United States if the information served a necessary program purpose."

General Services Administration: "...The General Services Administration does not collect information on interlocking officer and directorships of U.S. corporations, nor do we maintain files containing such information. If a situation occurs where we need this type information; i.e. suspected collusion on a procurement action, we could refer to the Standard and Poors Register of Corporation Directors and Executives, or request Dunn and Bradstreet reports on the particular companies involved. In addition, we believe we have the authority under the Code of Federal Regulations, Title 41, Chapter 1, Part 1 subpart 1.12 to obtain such information direct from a company."

National Aeronautics and Space Administration: "...NASA has never sought nor utilized information relating to interlocking corporate officers or directors; and, we do not foresee any need to do so in the future. As a procuring agency, we do have certain fiscal information regarding our contractors and bidders which may or may not contain the identity of corporate officers or directors. This information consists of generally available, public information, i.e., Standard and Poor's reports and corporate annual reports."

Small Business Administration: "...There have been no specific laws, rules, regulations, or other procedures that authorize SBA to take any action with respect to interlocking officer or director relationships with any businesses."

Nuclear Regulatory Commission: "...NRC files can provide the name, address and citizenship of the directors and principal officers of all applicants for NRC licenses to construct and operate nuclear production or utilization facilities since such information is required by NRC regulations to be furnished to the NRC. NRC regulations also require such license applicants to provide the NRC with information regarding the ownership or dominance of the applicant by any alien, foreign corporation or foreign government...Similar information is required of applicants for NRC licenses to own or use special nuclear material...NRC files do not contain corporate interlock data nor are they organized in such a fashion as to readily identify business organizations within NRC jurisdiction which have assets or sales in excess of \$100 million."

Federal Energy Administration (functions transferred to DOE): "...the Federal Energy Administration (FEA) does not collect nor maintain in its files any information relating to interlocking officer and directorships of U.S. corporations. In the past, FEA has, in certain reports, requested the name of the chief executive officer of a firm that is subject to FEA reporting. However, FEA does not validate this information and has discontinued its collection."

"As regards the FEA's ability to collect this type of information directly, see the answer to question 4, infra. The primary public sources of this information would be the Federal Trade Commission, and 10K reports filed with the Securities and Exchange Commission. There are numerous additional public and private sources where one might seek to obtain this information, including trade journals and directories, annual reports by the corporations, reports of government agencies and Congressional subcommittees. In addition, the investment community might be a key source of this data."

"Pursuant to Section 13 of the Federal Energy Administration Act (FEA Act) of 1974, (P.L. 93-275, as amended by P.L. 94-332 and P.L. 94-385), the FEA Administrator is authorized to collect certain various categories of energy information as he deems necessary to carry out his functions under that Act. Under Section 11 of the Energy Supply and Environmental

Coordination Act (ESECA) of 1974 (P.L. 93-319, as amended by P.L. 94-163) the FEA Administrator shall "collect such energy information as he determines to be necessary to assist in the formulation of energy policy or to carry out the purposes of this Act or the Emergency Petroleum Allocation Act of 1973." As defined in Section 11(e) of ESECA, energy information includes "(B) matters relating to energy and fuels, such as corporate structure and proprietary relationships...and other matters directly related thereto, wherever they exist." In connection with the general information gathering powers, including the use of subpoenas, referenced in section 13 of the FEA Act and Section 11 of ESECA, there would appear to be ample authority for the collection of interlock information to the extent that the collection of such information would further the statutory purposes of the FEA...No such actions have been undertaken."

Energy Research and Development Administration (functions transferred to the DOE): "...This agency has no responsibility to require or maintain such information, consequently, we do not have the type of information sought in the attachment to your letter..."

Federal Maritime Commission: "...Since the Federal Maritime Commission does not require common carriers by water in the foreign trades to file corporate structure data with the Commission, information is not available in this regard. Common carriers by water in the domestic offshore trades are required, pursuant to General Order 5, 46 C.F.R. 511.1, et. seq., to submit detailed forms to the Commission that would be relevant in determining the existence of interlocking directorship and officer relationships.

"...However, no information is required of officers, directors or trustees of the corporations, regarding other business affiliations.

"The Commission can acquire additional information concerning interlocking directorships and officers pursuant to Section 21, Shipping Act, 1916 (46 U.S.C. 820). This section authorizes the Commission to require production of any facts pertaining to the business of common carriers or other persons subject to the Act when required by the Commission to carry out its responsibilities under the Act.

"...Additionally, the Commission attempts to acquire information not filed regularly with the Commission and relevant to carrying out its responsibilities, through direct personal requests from the particular Bureau involved by telephone, letter, or by investigation conducted by FMC District Offices...

"The Commission staff is reviewing these provisions continuously to determine the need for revisions to improve our information-gathering capabilities. For example, the Commission's Bureau of Compliance presently is revising Information Circular FMC Form 9. The revised form includes comprehensive questions with respect to partnerships, corporate organization and officer and director relationships. Similarly, at the present time, amendments to General Order 4 are under consideration by the Bureau of Certification and Licensing."

Federal Deposit Insurance Corporation: "...it may be more meaningful to explain how the FDIC obtains information regarding each "principal officer, director, trustee or person exercising similar functions" of banks under our jurisdiction with assets in excess of \$100 million. The FDIC has direct supervision over State banks which are not members of the Federal Reserve System. There are essentially three means available by which the Corporation might as a routine matter obtain such information; namely, the examination of State nonmember insured banks; filings under the Securities Exchange Act of 1934, as amended, by registered State nonmember insured banks; and applications for deposit insurance filed by new or existing State nonmember banks.....

"In the course of examination, the name of each officer and director as well as a short biographical sketch for each is included in the report of examination and in the workpapers of the examiner-in-charge. In addition, both the examiner's workpapers and, perhaps to a lesser extent, the report of examination may list all or part of the related interests (corporate or otherwise) of some or all of the directors and officers; however, in most instances such listing is probably not complete. This information is obtained mainly through discussions with management and review of the bank's records and files. None of this information is available for public inspection.

"...However, in a limited number of instances the names of such individuals may not be completely current, as, for example, where a bank has a director or officer change between examinations or filings under the Securities Exchange Act of 1934, as amended. The Corporation also has, to some extent, the names of the outside business interests of such persons."

Federal Home Loan Bank Board: "...The Federal Home Loan Bank Board ("Board") has jurisdiction, within statutory constraints, over three types of business organizations: savings and loan associations, service corporations owned by savings and loan associations and savings and loan holding companies. The periodic supervisory examinations of savings and loan associations, among other things, attempt to identify certain business affiliations between directors and officers of an association and other business enterprises in cases where: (1) business is transacted between the two entities or (2) the other business enterprise is in competition with the association for loans, savings or any other kind of business engaged in by the association. In addition, information is requested concerning any officer or director of the association having any financial relationship to any person or business to whom the association provides financing. As a result, existing documents would identify only those affiliations which the Board has deemed highly susceptible to a conflict of interest. Other relationships, where the potential for conflict of interest does not exist, are not scrutinized or reported.

"Collection of information on the business affiliations of directors and officers of service corporations and holding companies is less inclusive than for savings and loan associations. Generally, only when an affiliation becomes a detrimental conflict of interest or is in violation of a regulation of statute will such affiliation be documented. All such information becomes part of the Board's examination files and is not available for inspection by the public..."

"The Board's conflict of interest regulation contains guidelines which: (1) prohibit officer or director interlocks between an FSLIC-insured institution and all other thrift institutions, (2) prohibit directors and officers of an FSLIC-insured institution from serving as salaried officers or employees of a commercial bank and (3) tightly control and limit director interlocks between an FSLIC-insured institution and commercial banks.

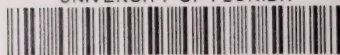
"In addition, in recent years the Board has prohibited certain types of interlocks,...as a condition for granting insurance of accounts to newly charged and existing savings and loans."







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